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QUEEN'S COLLEGE, GALWAY.

FOUNDED A.D. MDCCCKLV.

CALENDAR

FOR

1895-96.

PUBLISHED BY AUTHORITY OF THE COUNCIL.



DUBLIN:

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BY PONSONBY AND WELDRICK.

1896.

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Calendar.

10TH MONTH.]		OCTOBER, 1895.	[XXXI DAYS.
1	Tuesday		
2	Wednesday		
3	Thursday		
4	Friday		
5	Saturday		
6	Sunday		
7	Monday		
8	Tuesday		
9	Wednesday		
10	Thursday		
11	Friday		
12	Saturday		
13	Sunday	<p style="margin: 0;">College Session and First Term begin.</p> <p style="margin: 0;">Examinations for Senior Scholarships, and Junior Scholarships of the Second Year, begin.</p> <p style="margin: 0;">Matriculation Examination.</p>	
14	Monday		
15	Tuesday		
16	Wednesday		
17	Thursday		
18	Friday		
19	Saturday		
20	Sunday		
21	Monday		
22	Tuesday	<p style="margin: 0;">Examinations for Junior Scholarships of the First Year begin.</p>	
23	Wednesday		
24	Thursday		
25	Friday		
26	Saturday		
27	Sunday		<p style="margin: 0;">Lectures in Arts, Medicine, and Engineering begin.</p> <p style="margin: 0;">College opened, 1849.</p>
28	Monday		
29	Tuesday		
30	Wednesday		
31	Thursday		

11TH MONTH.]		NOVEMBER, 1895.	[XXX DAYS.
1	Friday	ALL SAINTS. College Holiday.	
2	Saturday		
3	Sunday		
4	Monday		
5	Tuesday		
6	Wednesday		
7	Thursday		
8	Friday		
9	Saturday		
10	Sunday	Matriculation Examination.	
11	Monday		
12	Tuesday		
13	Wednesday		
14	Thursday		
15	Friday		
16	Saturday		
17	Sunday	Practical Chemistry Classes begin.	
18	Monday		
19	Tuesday		
20	Wednesday		
21	Thursday		
22	Friday		
23	Saturday		
24	Sunday	Law Lectures begin. New Statutes, 1863.	
25	Monday		
26	Tuesday		
27	Wednesday		
28	Thursday		
29	Friday		
30	Saturday		

12TH MONTH.]		DECEMBER, 1895.	[XXXI DAYS.
1	Sunday	Examination for Blayney Exhibition begins.	
2	Monday		
3	Tuesday		
4	Wednesday		
5	Thursday		
6	Friday		
7	Saturday		
8	Sunday	Letters Patent granted, 1847.	
9	Monday		
10	Tuesday		
11	Wednesday		
12	Thursday		
13	Friday		
14	Saturday		
15	Sunday	Exams. for Law Scholarships begin. Lectures in Arts, Medicine, Law, and Engineering end. First Term ends.	
16	Monday		
17	Tuesday		
18	Wednesday		
19	Thursday		
20	Friday		
21	Saturday		
22	Sunday	CHRISTMAS DAY.	
23	Monday		
24	Tuesday		
25	Wednesday		
26	Thursday		
27	Friday		
28	Saturday		
29	Sunday	Patent of Incorporation issued, 1845.	
30	Monday		
31	Tuesday		

1ST MONTH.]		JANUARY, 1896.	[XXXI DAYS.
1	Wednesday		
2	Thursday		
3	Friday		
4	Saturday		
5	Sunday	Second Term begins. Lectures in Arts, Medicine, and Engineering begin.	
6	Monday		
7	Tuesday		
8	Wednesday		
9	Thursday		
10	Friday		
11	Saturday		
12	Sunday		
13	Monday		
14	Tuesday		
15	Wednesday		
16	Thursday		
17	Friday		
18	Saturday		
19	Sunday		
20	Monday		
21	Tuesday		
22	Wednesday		
23	Thursday		
24	Friday		
25	Saturday		
26	Sunday	Royal University founded, 1882.	
27	Monday		
28	Tuesday		
29	Wednesday		
30	Thursday		
31	Friday		

2ND MONTH.]		FEBRUARY, 1896.	[XXIX DAYS.
1	Saturday		
2	Sunday	Queen's University of Ireland dissolved, 1882.	
3	Monday		
4	Tuesday		
5	Wednesday		
6	Thursday		
7	Friday		
8	Saturday		
9	Sunday		
10	Monday		
11	Tuesday		
12	Wednesday		
13	Thursday		
14	Friday		
15	Saturday		
16	Sunday	SHROVE TUESDAY. College Holiday. ASH WEDNESDAY. College Holiday. Law Lectures begin.	
17	Monday		
18	Tuesday		
19	Wednesday		
20	Thursday		
21	Friday		
22	Saturday		
23	Sunday		
24	Monday		
25	Tuesday		
26	Wednesday		
27	Thursday		
28	Friday		
29	Saturday		

Queen's College, Galway,

3RD MONTH.]		MARCH, 1896.	[XXXI DAYS.
1	Sunday		
2	Monday		
3	Tuesday		
4	Wednesday		
5	Thursday		
6	Friday		
7	Saturday		
8	Sunday		
9	Monday		
10	Tuesday		
11	Wednesday		
12	Thursday		
13	Friday		
14	Saturday		
15	Sunday		
16	Monday		
17	Tuesday	ST. PATRICK'S DAY. College Holiday.	
18	Wednesday		
19	Thursday		
20	Friday		
21	Saturday		
22	Sunday		
23	Monday		
24	Tuesday		
25	Wednesday	LADY DAY. College Holiday.	
26	Thursday		
27	Friday	Lectures end.	
28	Saturday	Second Term ends.	
29	Sunday		
30	Monday		
31	Tuesday		

4TH MONTH.]		APRIL, 1896.	[XXX DAYS.
1	Wednesday	GOOD FRIDAY.	
2	Thursday		
3	Friday		
4	Saturday		
5	Sunday	Third Term begins.	EASTER SUNDAY.
6	Monday		
7	Tuesday		
8	Wednesday		
9	Thursday		
10	Friday		
11	Saturday		
12	Sunday	Lectures in Arts, Medicine, and Engineering begin.	
13	Monday		
14	Tuesday		
15	Wednesday		
16	Thursday		
17	Friday		
18	Saturday		
19	Sunday		
20	Monday		
21	Tuesday		
22	Wednesday		
23	Thursday		
24	Friday		
25	Saturday		
26	Sunday	Medical Session ends.	
27	Monday		
28	Tuesday		
29	Wednesday		
30	Thursday		

5TH MONTH.]		MAY, 1896.	[XXXI DAYS.
1	Friday		
2	Saturday		
3	Sunday		
4	Monday		
5	Tuesday		
6	Wednesday		
7	Thursday		
8	Friday		
9	Saturday		
10	Sunday		
11	Monday		
12	Tuesday		
13	Wednesday		
14	Thursday		
15	Friday		
16	Saturday		
17	Sunday		
18	Monday		
19	Tuesday		
20	Wednesday		
21	Thursday	ASCENSION DAY. College Holiday.	
22	Friday	QUEEN'S BIRTHDAY.	
23	Saturday	Lectures in Arts and Engineering end.	
24	Sunday		
25	Monday		
26	Tuesday		
27	Wednesday		
28	Thursday		
29	Friday		
30	Saturday		
31	Sunday		

6TH MONTH.]		JUNE, 1896.	[XXX DAYS.
1	Monday	Sessional Examinations begin.	
2	Tuesday		
3	Wednesday		
4	Thursday		
5	Friday		
6	Saturday		
7	Sunday	Third Term ends. End of Session.	
8	Monday		
9	Tuesday		
10	Wednesday		
11	Thursday		
12	Friday		
13	Saturday		
14	Sunday		
15	Monday		
16	Tuesday		
17	Wednesday		
18	Thursday		
19	Friday		
20	Saturday		
21	Sunday		
22	Monday		
23	Tuesday		
24	Wednesday		
25	Thursday		
26	Friday		
27	Saturday		
28	Sunday		
29	Monday		
30	Tuesday		

7 TH MONTH.]		JULY, 1896.	[XXXI DAYS.
1	Wednesday		
2	Thursday		
3	Friday		
4	Saturday		
5	Sunday		
6	Monday		
7	Tuesday		
8	Wednesday		
9	Thursday		
10	Friday		
11	Saturday		
12	Sunday		
13	Monday		
14	Tuesday		
15	Wednesday		
16	Thursday		
17	Friday		
18	Saturday		
19	Sunday		
20	Monday		
21	Tuesday		
22	Wednesday		
23	Thursday		
24	Friday		
25	Saturday		
26	Sunday		
27	Monday		
28	Tuesday		
29	Wednesday		
30	Thursday		
31	Friday	Colleges Act, 1845.	

8TH MONTH.]		AUGUST, 1896.	[XXXI DAYS.
1	Saturday		
2	Sunday		
3	Monday		
4	Tuesday		
5	Wednesday		
6	Thursday		
7	Friday		
8	Saturday		
9	Sunday		
10	Monday		
11	Tuesday		
12	Wednesday		
13	Thursday		
14	Friday		
15	Saturday		
16	Sunday		
17	Monday		
18	Tuesday		
19	Wednesday		
20	Thursday		
21	Friday		
22	Saturday		
23	Sunday		
24	Monday		
25	Tuesday		
26	Wednesday		
27	Thursday		
28	Friday		
29	Saturday		
30	Sunday		
31	Monday		

9TH MONTH.]		SEPTEMBER, 1896.	[XXX DAYS.
1	Tuesday		
2	Wednesday		
3	Thursday		
4	Friday		
5	Saturday		
6	Sunday		
7	Monday		
8	Tuesday		
9	Wednesday		
10	Thursday		
11	Friday		
12	Saturday		
13	Sunday		
14	Monday		
15	Tuesday		
16	Wednesday		
17	Thursday		
18	Friday		
19	Saturday		
20	Sunday		
21	Monday		
22	Tuesday		
23	Wednesday		
24	Thursday		
25	Friday		
26	Saturday		
27	Sunday		
28	Monday		
29	Tuesday		
30	Wednesday		

10TH MONTH.]		OCTOBER, 1896.	[XXXI DAYS.
1	Thursday		
2	Friday		
3	Saturday		
4	Sunday		
5	Monday		
6	Tuesday		
7	Wednesday		
8	Thursday		
9	Friday		
10	Saturday		
11	Sunday		
12	Monday		
13	Tuesday		
14	Wednesday		
15	Thursday		
16	Friday		
17	Saturday		
18	Sunday		
19	Monday		
20	Tuesday	College Session and First Term begin.	
21	Wednesday		
22	Thursday	Examinations for Senior Scholarships, and Junior Scholarships of the Second Year, begin.	
23	Friday	Matriculation Examination begins.	
24	Saturday		
25	Sunday		
26	Monday	Examinations for Junior Scholarships of the First Year begin.	
27	Tuesday		
28	Wednesday		
29	Thursday		
30	Friday		
31	Saturday		

11TH MONTH.]		NOVEMBER, 1896.	[XXX DAYS.
1	Sunday	ALL SAINTS. Lectures in Arts, Medicine, and Engineering begin.	
2	Monday		
3	Tuesday		
4	Wednesday		
5	Thursday		
6	Friday		
7	Saturday		
8	Sunday	Supplemental Matriculation Examination begins.	
9	Monday		
10	Tuesday		
11	Wednesday		
12	Thursday		
13	Friday		
14	Saturday		
15	Sunday	Practical Chemistry Classes begin.	
16	Monday		
17	Tuesday		
18	Wednesday		
19	Thursday		
20	Friday		
21	Saturday		
22	Sunday	Law Lectures begin.	
23	Monday		
24	Tuesday		
25	Wednesday		
26	Thursday		
27	Friday		
28	Saturday		
29	Sunday		
30	Monday		

12TH MONTH.]		DECEMBER, 1896.	[XXXI DAYS.
1	Tuesday	Examination for Blayney Exhibition begins.	
2	Wednesday		
3	Thursday		
4	Friday		
5	Saturday		
6	Sunday		
7	Monday		
8	Tuesday		
9	Wednesday		
10	Thursday		
11	Friday		
12	Saturday		
13	Sunday	Examinations for Junior Law Scholarships begin. Lectures in Arts, Medicine, Law, and Engineering end.	
14	Monday		
15	Tuesday		
16	Wednesday		
17	Thursday		
18	Friday		
19	Saturday		
20	Sunday	First Term ends. CHRISTMAS DAY.	
21	Monday		
22	Tuesday		
23	Wednesday		
24	Thursday		
25	Friday		
26	Saturday		
27	Sunday		
28	Monday		
29	Tuesday		
30	Wednesday		
31	Thursday		

QUEEN'S COLLEGE, GALWAY.

FOUNDED A.D. MDCCCXLV.

FOUNDATION AND CONSTITUTION.

THE Colleges of the Queen's University were founded under the provisions of the Act 8 and 9 Victoria, cap. 66, intituled "An Act to enable Her Majesty to endow new Colleges for the Advancement of Learning in Ireland." Under the powers given by this Act, it was determined to found three Colleges. Belfast, Cork, and Galway were selected as their sites; and on the 30th of December, 1845, Letters Patent were issued incorporating them under the name and style of "THE PRESIDENT, VICE-PRESIDENT, AND PROFESSORS OF QUEEN'S COLLEGE, [BELFAST, CORK,] GALWAY."

The Colleges were opened for Students on the 30th October, 1849. The Presidents and Vice-Presidents of the Three Colleges constituted a Board of Government till the foundation of the Queen's University in 1850. By the University Education (Ireland) Act of 1879 provision was made for the foundation of the Royal University and the dissolution of the Queen's University, within two years from the date of the Charter of the Royal University. All Graduates and Matriculated Students of the Queen's University at the time of dissolution became Graduates and Students of the Royal University, and all existing Professors of the Queen's Colleges continued to be University Professors. The Charter of the Royal University was granted on the 27th of April, 1880, and the Queen's University was dissolved on the 3rd of February, 1882.

COLLEGES ACT.

ANNO OCTAVO ET NONO

VICTORIÆ REGINÆ,

CAP. LXVI.

An Act to enable Her Majesty to endow new Colleges for the Advancement of Learning in Ireland.

[31st July, 1845.]

I. "For the better Advancement of Learning among all Classes of Her Majesty's Subjects in Ireland,"

Grant for Building Colleges. be it enacted by the Queen's most excellent Majesty, by and with the advice and consent of the Lords Spiritual and Temporal, and Commons, in this present Parliament assembled, and by the authority of the same, That in case Her Majesty shall be pleased by Letters Patent, under the Great Seal of Ireland, to found one or more new Colleges for the advancement of learning in Ireland, the Commissioners of Her Majesty's Treasury of the United Kingdom of Great Britain and Ireland for the time being shall be empowered, by Warrant under the hands of any three or more of them, to charge the Consolidated Fund of the said United Kingdom (after providing for all preceding charges, and in preference to all future charges), and to direct to be issued or paid thereout, such sum of money as shall be needed by the trustees hereinafter mentioned for purchasing or providing lands, tenements, and hereditaments for the use of such College or Colleges, and for the necessary buildings, with the appurtenances thereof, and for establishing and furnishing the same, not exceeding the sum of one hundred thousand pounds in the whole.

II. And be it enacted, That the Commissioners of Public Works in Ireland for the time being shall be

Provisions for purchase or rent of buildings, lands, &c. Trustees for the purpose of purchasing or providing, as hereinafter mentioned, any buildings, lands, tenements, or hereditaments that may be necessary for the said Colleges and the sites thereof, and the premises to be occupied therewith, respectively, and

for erecting thereon suitable buildings, and for repairing, enlarging, and improving the same from time to time, and for upholding and furnishing the same from time to time, for the use of the said Colleges, respectively.

III. And be it enacted, That for the purposes of this Act the said Commissioners of Public Works in Ireland for the time being, and their successors, shall be a Corporation by the name or style of "The Commissioners of Public Works in Ireland," and by that name, for the purposes of this Act, shall have perpetual succession and a Common Seal, to be by them made, and from time to time altered, as they shall think fit, and shall and may sue and be sued, plead or be impleaded, in all Courts and before all Justices and others, and in that capacity shall be deemed promoters of the undertaking authorized to be executed by this Act.

IV. And be it enacted, That in order to enable the said Commissioners of Public Works in Ireland to purchase and provide the buildings, lands, tenements, and hereditaments which may be required for the said Colleges and the sites thereof, it shall be lawful for the said Commissioners with the approval of the Commissioners of Her Majesty's Treasury, to contract and agree with any person or persons, or body or bodies corporate, for the purchase or renting of any buildings, lands, tenements, or hereditaments required for such Colleges or the sites thereof, and also for the purchase of any subsisting leases, terms, estates, or interests therein, or charges thereon; and the buildings, lands, tenements, or hereditaments so contracted and agreed for shall be conveyed, assigned, or demised to or in trust for Her Majesty, Her heirs, and successors, in such manner and form as the said Commissioners of Her Majesty's Treasury shall direct.

V. And be it enacted, That the "Lands Clauses Consolidation Act, 1845," shall be incorporated with this Act, except the clauses with respect to the purchase and taking of lands otherwise than by agreement: Provided always that all things by the said Act required or authorized to be done by the promoters of the undertaking may be done by any two of the Commissioners of Public Works in Ireland subject to the approval of the Commissioners of Her Majesty's Treasury in the cases provided by this Act.

VI. And be it enacted, That it shall be lawful for the Plans of buildings to be submitted to Treasury. said Commissioners of Public Works, if they shall be so directed by the Commissioners of Her Majesty's Treasury, to employ the County Surveyor or any other competent surveyor or architect, to make a survey and estimate of any of the said proposed works, and to prepare such plan, section, or specification thereof as may be necessary, and send the same to the Commissioners of Her Majesty's Treasury for their approval; and if the said Commissioners of Her Majesty's Treasury shall think fit to authorize the work in any such plan, section, or specification, or any modification thereof which they may think proper to be undertaken, they shall, by warrant under their hands, direct the said Commissioners of Public Works to execute such work at and for an amount not exceeding a sum to be specified in such warrant: and the said Commissioners of Public Works shall, upon receipt of such warrant, forthwith cause the construction of the work mentioned therein to be proceeded with.

VII. And be it enacted, That the said Commissioners of Accounts to be laid before Parliament. Public Works shall cause detailed accounts in writing of their proceedings under this Act, of the several sums received by them as such Commissioners for the purposes of this Act, and of the sums expended by them for such purposes, and the mode of such expenditure, and the several works made or in progress under this Act, to be made up to the 31st day of December in each year; and such accounts shall be laid before both Houses of Parliament within six weeks thereafter, if Parliament be then sitting, or if not, then within six weeks after the first meeting of Parliament subsequent to the 31st day of December; and the said Commissioners shall, as often as they shall be required so to do by the Commissioners of Her Majesty's Treasury, transmit to the said Commissioners of the Treasury like accounts made up to such period as the said Commissioners of the Treasury shall direct; and it shall be lawful for the said Commissioners of Her Majesty's Treasury to give such directions as they shall think proper, defining the duties of the said Commissioners of Public Works in the execution of this Act; and the said Commissioners of Public Works shall observe all such directions as aforesaid which shall from time to time be signified to them by the said Commissioners of Her Majesty's Treasury.

VIII. And be it enacted, That the several enactments contained in an Act passed in the second year of the reign of His late Majesty, intituled "An Act for the Extension and Promotion of Public Works in Ireland," which affect or relate to any action or suit to be commenced against the Commissioners for the execution of the last-recited Act, or their Secretary, or any person or persons, for anything done by virtue of or in pursuance of the last-recited Act, or any proceedings in any such action or suit, or any limitation of time for the commencing thereof, or any costs thereof, or any evidence to be given therein, or any notice of action or suit or satisfaction or tender thereof, or any action or suit to be commenced by the said Commissioners, or any proceedings therein, or the said Commissioners suing or being sued in the name of their Secretary, or any abatement or discontinuance of any such action or suit, or to the court in which, or to the terms or conditions on which any such action or suit shall be brought against the said Commissioners collectively or individually, or their Secretary, shall be held to apply to and extend to any action or suit to be commenced against the Commissioners of Public Works in Ireland, or their Secretary, or any person or persons, for any thing done by virtue of or in pursuance of this Act, or to any proceedings in any such action or suit, or to the limitation of time for the commencing thereof, or to any costs thereof, or to any notice of any such action or suit, or to any evidence to be given therein, or to any action or suit to be commenced by the said Commissioners of Public Works in the execution of this Act, or on account of or in pursuance of this Act or to any proceedings in any such action or suit, or to the said Commissioners suing or being sued in the name of their Secretary for the time being, or to any abatement or discontinuance of any such action or suit, or to the court in which, or to the terms or conditions on which any such action or suit shall be brought against the said Commissioners of Public Works, collectively or individually, or against their Secretary.

IX. And be it enacted, That it shall not be lawful for any
College within the provisions of this Act to
alien, mortgage, charge, or demise any lands,
tenements, or hereditaments to which it may
become entitled, unless with the approval of the Commis-
sioners of Her Majesty's Treasury, except by way of lease,

Restraint on
alienation of
property.

for any term not exceeding thirty-one years from the time when such lease shall be made, in and by which there shall be received and made payable, during the whole of the term thereby granted, the best yearly rent that can reasonably be gotten for the same, without any fine or foregift.

X. Provided always, and be it enacted, that no College shall be entitled to the benefit of this Act, or deemed to be within the provisions thereof, unless it be declared and provided, in and by the Letters Patent constituting such College, that the visitor or visitors of the said College shall be such person or persons as it shall please Her Majesty, Her heirs and successors, from time to time to appoint, by any warrant or warrants under the Sign Manual, to execute the office of visitor; and that all the statutes, rules, and ordinances concerning the Government and discipline of such Colleges shall be made or approved by Her Majesty, Her heirs and successors; and that the President, Vice-President, and Professors shall hold their several offices during the pleasure of Her Majesty, Her heirs and successors; and that the sole power of appointing the President and Vice-President shall be vested in Her Majesty, Her heirs and successors; and that the power of appointing the Professors shall be vested in Her Majesty, Her heirs and successors, until the end of the year one thousand eight hundred and forty-eight, and afterwards as shall be otherwise provided by Parliament, or in default of any provision to the contrary, in Her Majesty, Her heirs and successors.

XI. And be it enacted, that all the statutes, rules, and ordinances which shall be made or approved from time to time by Her Majesty, Her heirs and successors, concerning the government and discipline of the said Colleges, respectively, which shall be in force at the beginning of every Session of Parliament, and which shall not have been before that time laid before Parliament, shall from time to time, within six weeks after the beginning of every such session, be laid before both Houses of Parliament by one of Her Majesty's Principal Secretaries of State.

XII. And be it enacted, That the said Commissioners of

Her Majesty's Treasury shall be empowered, by warrant under the hands of any three or more of them, to charge the said Consolidated Fund of the said United Kingdom (after providing for all preceding charges, but having preference for all future charges), and to direct to be issued or paid thereout by four equal quarterly payments, on the fifth day of January, the fifth day of April, the fifth day of July, and the tenth day of October in every year, such sums of money as shall be needed for defraying the several stipends which shall be by Her Majesty appointed to be paid to the President and Vice-President and to such Professors in the several Faculties of Arts, Law, and Physic, as shall be from time to time established by Her Majesty, Her heirs and successors, and to the Bursar, Registrar, Librarian, and other Office-bearers, and Servants in each of the said Colleges, and for defraying the expense of such prizes and exhibitions as shall be by Her Majesty, Her heirs and successors, awarded for the encouragement and reward of students in each of the said Colleges, not exceeding in any one year the sum of seven thousand pounds for every such College, or the sum of twenty-one thousand pounds in the whole, the first instalment for each College to become due and payable on such of the said quarterly days of payment as shall first happen next after the grant of the Letters Patent for the establishment of such College.

XIII. And be it declared and enacted, That it shall be lawful for the Professors in each of the said Colleges, in addition to the stipends with which they shall be so respectively endowed, to demand and receive from the students in the said Colleges, such reasonable fees for attendance on their lectures, and for the Bursar of the College to collect from the said students, on behalf of the said College, such reasonable fees for matriculation and other collegiate proceedings as shall be from time to time provided by the statutes, rules, and ordinances so to be made or approved by Her Majesty, Her heirs and successors, as aforesaid.

XIV. "And for the better enabling every student in the said Colleges to receive religious instruction according to the creed which he professes to hold," be it enacted, That

it shall be lawful for the President and Professors, or other governing body of each of the said Colleges which shall be constituted in and by the said Letters Patent, to assign lecture-rooms within the precincts of such College, wholly or in part, for the use of such religious teachers as shall be recognised by such governing body, subject in each case to the approval of Her Majesty, Her heirs and successors, and also subject to the like approval, to make rules concerning the days and times when such religious instruction shall be given therein, and for securing that the same shall not interfere with the general discipline of the College: Provided always, that no student shall be compelled by any rule of the College to attend any theological lecture or religious instruction other than is approved by his parents or guardians, and that no religious test shall be administered to any person in order to entitle him to be admitted a student of any such College, or to hold any office therein, or to partake of any advantage or privilege thereof; but this proviso shall not be deemed to prevent the making of regulations for securing the due attendance of the students for divine worship at such Church or Chapel as shall be approved by their parents or guardians, respectively.

XV. "And for the better government of the students in the said Colleges," be it enacted, That no student shall be allowed to continue in any of the said Colleges unless he shall dwell with his parent or guardian, or with some near relation or friend selected by his parent or guardian, and approved by the President of the College, or with a tutor or master of a boarding-house licensed by the President of the College as hereinafter provided, or in a hall founded and endowed for the reception of students, and recognised by the College as hereinafter provided.

XVI. And be it enacted, That every person who is desirous of being licensed as a tutor or master of a boarding-house in any of the said Colleges shall apply in writing under his hand to the President of the College for his licence; and it shall be lawful for the President, if he shall think fit, to require of any such applicant such testimonials of character and fitness for

the office as shall be satisfactory to him ; and the application shall specify the house or houses belonging to or occupied by the applicant, and intended by him for the reception of students, and the number of students, who may be conveniently lodged and boarded therein, and also the provision or regulation proposed to be made for securing to the said students the means of due attendance upon such religious instruction and divine worship as may be approved by his parents and guardians and recognised by the governing body of the College, and thereupon it shall be lawful for the President, in his discretion, to grant or withhold the licence for the academical year then current or then next ensuing ; and every such licence shall be registered in the archives of the College, and shall endure until the end of the academical year in which it shall be registered, and shall then be of no force unless renewed in like manner, but shall be revocable at any time, and may be forthwith revoked by the President of the College, in case of any misbehaviour of such tutor or master of a boarding-house, or of the students under his care, which, in the opinion of the President and a majority of the Professors of the College, ought to be punished by immediate revocation of such licence.

XVII. And be it enacted, That it shall be lawful for any

Halls for students may be endowed by private benefactions.

person whomsoever, having power to make an absolute disposition thereof, to give, grant, devise, bequeath, or assure, by any deed, will, or other instrument sufficient in law to create or convey an estate therein, any messuages, lands, tenements, hereditaments, or any estate therein, or any interest arising thereout, or any money, chattels, and effects, to any trustee or trustees willing to accept the trust, or to the Commissioners of Charitable Donations and Bequests in Ireland and their successors, in trust, for founding and endowing halls for the reception of students in any of the said Colleges, and by such deed, will, or instrument, to establish rules or to specify the authority for establishing rules to be observed by the students admitted to the benefits of such foundation, and to specify the authority by which the observance of such rules is to be enforced: Provided always, that no such hall shall be recognised by any of the said Colleges unless the instrument of foundation shall provide that such rules, and also the appointment from time to time of the principal or

other person holding chief authority in such hall, shall be of no force until allowed by the person or persons appointed or to be appointed as aforesaid by Her Majesty, Her heirs and successors, to execute the office of visitor of the said College.

XVIII. "And for the encouragement of persons willing to found and endow halls for the reception of students in the said Colleges as aforesaid," be it declared and enacted, That if Her Majesty, Her heirs and successors, shall be pleased by Letters Patent under the Great Seal of Ireland, to incorporate any number of persons willing to found and endow any such hall or halls as aforesaid, such incorporated hall shall be deemed a public work, for the promotion of which the Commissioners of Public Works in Ireland may make loans within the meaning of an Act passed in the second year of the reign of His late Majesty, intituled "An Act for the Extension and Promotion of Public Works in Ireland," and of all Acts passed or to be passed for the amendment thereof; and that it shall be lawful for the Commissioners of Public Works in Ireland to make loans to such incorporated bodies, respectively, for the extension and promotion of such foundations according to the provisions of the last-recited Acts.

XIX. And be it enacted, That it shall be lawful for any person whomsoever, having power to make an absolute disposition thereof, to give, grant, devise, bequeath, or assure, by any deed, will, or other instrument sufficient in law to create or convey an estate therein, any messuages, lands, tenements, and hereditaments, or any estate therein, or interest arising thereout, or any money, chattels, and effects, to any trustee or trustees willing to accept the trust, or to the Commissioners of Charitable Donations and Bequests in Ireland, and their successors, in trust for establishing and maintaining lectures or other forms of religious instruction for the use of such students of the said Colleges, respectively, as shall be desirous of receiving the same, subject to such regulations consistent with the intentions of the donor thereof, as shall be made by the governing body of the College, and approved by Her Majesty, Her heirs and successors; Provided always, that no such gift shall take effect until it shall have been accepted by the governing

body of the College, and until Her Majesty, Her heirs and successors shall have signified her or their approval of the regulations according to which such gift is to be applied.

XX. And be it enacted, That every such College which shall be established and endowed under this Act shall once at least in every year, and also whenever Her Majesty's pleasure shall be signified in that behalf, report to Her Majesty their proceedings; and a copy of every such report shall be laid before both Houses of Parliament within six weeks after the same shall have been made, if Parliament be then sitting, or if not, then within six weeks next after the next meeting of Parliament.

XXI. And be it enacted, That this Act may be amended or repealed by any Act to be passed in this Session of Parliament.

PATENT

GRANTING CHARTER FOR THE COLLEGE OF GALWAY.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, and soforth, to all unto whom these presents shall come, greeting. Whereas, by Letters Patent under the Great Seal of Ireland, bearing date at Dublin, the thirtieth day of December, in the ninth year of our reign, and made under the provisions of an Act passed in a Session of Parliament holden in the eighth and ninth year of our reign, entitled, "An Act to enable Her Majesty to endow new Colleges for the Advancement of Learning in Ireland," WE willed, ordained, constituted, declared, and appointed, that in or near Galway, in the province of Connaught, there should and might be erected and established one perpetual College for Students in Arts, Law, Physic, and other useful learning, to be called by the name of "Queen's College, Galway," and should consist of one President, one Vice-President, and such number of Professors in Arts, Law, and Physic, not exceeding twelve in number, as should be appointed under and by virtue of the said recited Act:

And whereas, by Letters Patent under the Great Seal of

Ireland, bearing date the eleventh day of December, in the thirteenth year of our reign, WE did increase the number of Professors in said Queen's College, Galway, and constitute Rules, Statutes, and Ordinances for the government of the same.

Now, know ye, that WE have revoked and determined, and do by these presents revoke and determine the said recited Letters Patent, and every clause, article, and thing therein contained respectively :

And deeming it to be the duty of our Royal Office to afford to all classes and denominations of our faithful subjects, without any distinction of religious creed whatsoever, an opportunity for pursuing a regular and liberal course of education under the provisions of the said recited Act :

Know ye therefore, that WE, of our special grace, certain knowledge, and mere motion, by and with the advice and consent of our right trusty and right well beloved cousin and councillor, George William Frederick, Earl of Carlisle, K.G., our Lieutenant-General and General Governor of that part of our said United Kingdom of Great Britain and Ireland, called Ireland, and according to the tenor of our Letter, under our Privy Signet and Royal Sign Manual, bearing date at our Court of St. James, the tenth day of August, one thousand eight hundred and sixty-three, in the twenty-seventh year of our reign, and now enrolled in the rolls of our High Court of Chancery in that part of our said United Kingdom called Ireland, have willed, ordained, constituted, declared, and appointed, and by these presents for Us, our heirs and successors, WE do will, ordain, constitute, declare, and appoint that in or near Galway, in the province of Connaught, in Ireland, there shall and may be established one perpetual College for Students in all such courses of education and branches of knowledge as may be pursued in the Colleges of any University in our United Kingdom of Great Britain and Ireland, which College shall be called by the name of "Queen's College, Galway"; and shall consist of one President, and such number of Professors, not at any one time exceeding thirty in number, as have been or shall be appointed under and by virtue of the provisions of the Act hereinbefore in part recited, Professors of Queen's College, Galway, created by our said Letters Patent of the thirtieth day of December, in the ninth year of our reign, or of the College created by this our Charter.

And WE do, by these presents, for Us, our heirs and

successors, will, declare, and establish that the President and Professors of the said College, and their successors for ever, shall be one distinct and separate body politic and corporate, by the name and style of the President and Professors of Queen's College, Galway, and that by the same name they shall have perpetual succession and a common seal, and that they and their successors shall, from time to time, have full power to break, alter, make new, and change such common seal, at their will and pleasure, and as shall be found expedient; and that by the same name, the said President and Professors, and their successors, from time to time, and at all times hereafter, shall be a body politic and corporate, in deed and in law, and be able and capable to have, take, receive, hold, possess, enjoy, and retain. And WE do hereby, for Us, our heirs and successors, give and grant full authority and free licence to them and their successors, by the name aforesaid, notwithstanding any Statute or Statutes of Mortmain, to have, take, receive, hold, possess, enjoy, and retain, to them and their successors, not only all such lands, buildings, hereditaments, and possessions as may be from time to time used and occupied for the immediate purposes of the said College, but also any other messuages, lands, tenements, rents, and hereditaments of what kind, nature, or quality soever, so as that such messuages, lands, tenements, rents, and hereditaments do not exceed in yearly value the sum of ten thousand pounds, above all charges, such annual value to be calculated and ascertained at the period of taking, purchasing, or acquiring the same; and moreover, to take, purchase, acquire, have, hold, enjoy, receive, possess, and retain, notwithstanding any such Statute or Statutes to the contrary, all or any goods, chattels, personal property, charitable and other contributions, gifts, and benefactions whatsoever; and to grant, demise, alien, or otherwise dispose of the property, real or personal, belonging to the said College, provided that no such grant, demise, alienation, or other disposition shall be made contrary to the provisions of the said Act of Parliament; and to do all other matters incidental or appertaining to a body politic and corporate, in as large, ample, and beneficial a manner as any other corporate body or any other our liege subjects are capable in law of doing.

And WE do hereby for Ourselves, our heirs and successors, will, order, and direct that the President and Professors of the said College, and their successors, and also the Students

admitted to the said College, and the Office-bearers and Servants thereof, shall be regulated and governed according to the Statutes of the said College, which Statutes herein are or hereafter shall be framed, made, and approved of by Us, our heirs, and successors, and shall and may, all, every, and any of them, be revoked, repealed, changed, augmented, altered, or made new, by writing under our or their Sign Manual, as to Us, our heirs and successors, from time to time shall seem meet and expedient; and all and singular which Statutes so to be framed, made, and approved of as aforesaid, WE do, for Us, our heirs and successors, charge, and command to be strictly and inviolably observed, kept, and performed, from time to time, so long as they shall respectively remain in full vigour and effect, under the penalties to be thereby or therein inflicted or contained.

And in order the better to carry our will and intention into execution in this behalf, WE have constituted, and by these presents, for Us, our heirs and successors, do constitute the several persons heretofore nominated to the several offices of Visitor, President, Vice-President, Professor, Registrar, Bursar, and Librarian in Queen's College, Galway, created by our said Letters Patent of the thirtieth day of December, in the ninth year of our reign, the President, Vice-President, Professor, Registrar, Bursar, and Librarian, in the College created by this our Charter.

And WE do hereby further will, declare, and direct that the lands, buildings, goods, chattels, and property of the College created by our said Letters Patent of the thirtieth day of December, in the ninth year of our reign, shall be and become the property of the College created by this our Charter; and that the College created by this our Charter shall pay and discharge all the debts and liabilities of the College created by our said Letters Patent of the thirtieth day of December, in the ninth year of our reign; and that all persons who have studied in the last-mentioned College, or obtained any standing or other privilege therein, shall be entitled to all advantages to which they would have been entitled if their studies had been pursued, or privileges acquired in the College created by this our Charter.

And WE further will and ordain that all by-laws and regulations made by the Council of the said College created by our Letters Patent of the thirtieth day of December, in the ninth year of our reign, and in force at or immediately before

the granting of this our Charter, shall, until they shall be altered or repealed, remain in force as by-laws and regulations of the College created by this our Charter, and which last-mentioned College is hereinafter referred to as the College.

And WE do hereby will, declare, and direct, that the future Presidents of the College shall be such persons as WE, our heirs or successors, shall select and appoint, by writing under our or their Sign Manual. And that if WE should hereafter deem it expedient to appoint future Vice-Presidents, that they also shall be appointed by writing under the Sign Manual of Us, our heirs or successors, from among the Professors for the time being. And the future Professors of the College, unless it shall be otherwise provided by Parliament, shall likewise be appointed by writing under the Sign Manual of Us, our heirs and successors.

And WE do hereby further will, declare, and direct that the persons who hereby are, and such persons as shall hereafter be, appointed to the said respective offices of President, Vice-President, and Professors of said College, shall hold and be continued in their offices respectively during the pleasure of Us, our heirs and successors.

And WE do hereby further will, direct, and appoint that the persons who hereby are, and all person or persons who shall from time to time be nominated and appointed to be President, Vice-President, or Professors of the College, shall, before he, they, or any of them shall be admitted to the exercise or execution of any of the said offices, respectively make and subscribe before one of our Justices of the Peace for the County of Galway, or before the Chairman of the County of Galway, a solemn declaration for the true and faithful execution of such office, and for the faithful discharge of the duties thereof.

And WE do hereby further will, declare, and direct, that all visitorial power and authority of the said College shall be exercised by such person or persons as WE hereby appoint, or as WE, our heirs or successors, shall from time to time appoint by warrant or warrants, under our or their Sign Manual, to execute the office of Visitor or Visitors.

And WE do further will, ordain, and direct, that the following Statutes, Rules, and Ordinances, which have been made by us shall be the Statutes for the government and discipline of the College.

STATUTES.

CHAPTER I.

OF THE BODY POLITIC AND CORPORATE.

THE body politic and corporate shall consist of the President and the Professors.

WE will and ordain that Edward Berwick, B.A., heretofore President of the Queen's College, Galway, created by our Charter of the thirtieth day of December, in the ninth year of our reign, be the first President of the College.

WE further will and ordain that the following persons heretofore Professors of the said College, created by our Charter of the thirtieth day of December, in the ninth year of our reign, be the first Professors of the College, that is to say—

WILLIAM NESBITT, M.A., ..	..	<i>Greek.</i>
RICHARD B. BAGLEY, M.A., ..	..	<i>Latin.</i>
GEORGE JOHNSTON ALLMAN, LL.D.,		<i>Mathematics.</i>
ARTHUR HILL CURTIS, M.A., ..	..	<i>Natural Philosophy.</i>
JOSEPH O'LEARY, B.A., ..	..	<i>History and English Literature.</i>
THOMAS W. MOFFETT, LL.D., ..	..	<i>History, English Literature, and Mental Science.</i>
THOMAS H. RONEY, PH.D., ..	..	<i>Chemistry.</i>
ALEXANDER G. MELVILLE, M.D.,		<i>Natural History.</i>
WILLIAM KING, D.SC., ..	..	<i>Natural History.</i>
AUGUSTUS BENSACH, M.D., ..	..	<i>Modern Languages.</i>
JOHN E. CAIRNES, M.A., ..	..	<i>Jurisprudence and Political Economy.</i>
WILLIAM B. CAMPION, B.A., ..	..	<i>English Law.</i>
CHARLES CROKER-KING, M.D., ..	..	<i>Anatomy and Physiology.</i>
NICHOLAS COLAHAN, M.D., ..	..	<i>Medicine.</i>
JAMES V. BROWNE, B.A., M.D., ..	..	<i>Surgery.</i>
SIMON M'COY, .. ..	..	<i>Materia Medica.</i>
RICHARD DOHERTY, M.D., ..	..	<i>Midwifery.</i>
EDWARD TOWNSEND, M.A., ..	..	<i>Civil Engineering.</i>
THOMAS SKILLING, .. ..	..	<i>Agriculture.</i>

And WE further will and ordain that Bernard O'Flaherty be Registrar, James Hardiman, Librarian, and P. G. Fitzgerald, Bursar; and that the said several persons above named, and such other person or persons as shall hereafter

be appointed to the respective offices of President, Professor, Registrar, Bursar, and Librarian of the College, shall hold and be continued in their respective offices during the pleasure of Us, our heirs and successors.

CHAPTER II.

OF THE POWERS OF THE CORPORATE BODY.

The Corporate Body of the College shall consist as aforesaid of the President and the Professors.

The presence of not less than ten members shall be necessary to constitute a meeting for the transaction of business.

The President or, in his absence, his Deputy, shall *ex-officio* be Chairman. In the absence of both the President and his Deputy from any meeting, the members present shall elect one from among their number to act as Chairman.

The Corporate Body shall annually meet and elect two from among the Professors to be members of the College Council for the three ensuing years. Outgoing members of Council may be re-elected.

In the year 1863, the Corporate Body shall elect four other Professors to be members of the Council; two of them for the ensuing year, and the remaining two for the two ensuing years.

In case any member of the College Council shall from illness or other cause be prevented from performing his duties, the President shall have power to declare the office vacant, and the Corporate Body shall thereupon proceed to the election of another Professor to supply the vacancy for the unexpired time of office.

The Corporate Body shall so select the Professors whom they shall elect members of Council that the Council may constantly include one at least of the following Professors, that is to say—the Professor of Anatomy and Physiology, the Professor of Medicine, the Professor of Surgery, the Professor of Materia Medica, and the Professor of Midwifery.

The President shall vote in the election of members of Council only in the event of an equality of votes. In the absence of the President, the Deputy of the President, or other Professor acting as Chairman, shall, in all cases, have a vote, but shall not have a second or casting vote.

CHAPTER III.

OF THE CONSTITUTION AND POWERS OF THE COLLEGE COUNCIL.

The general government and administration of the College shall be vested in a Council, consisting of the President, and six Professors elected in the manner aforesaid.

The presence of not less than five members of the College Council shall be necessary to constitute a meeting for the transaction of business.

The President, or, in his absence, his Deputy, shall *ex-officio* be Chairman of the Council. In the absence of both the President and his Deputy from any meeting of Council, the members present shall elect one from among their number to act as Chairman.

The President shall in all cases have a vote, and in case of an equality of votes, shall have a second or casting vote. In the absence of the President from any Meeting of Council, the Deputy of the President, or other Professor acting as Chairman, shall in all cases have a vote, but shall not have a second or casting vote.

The Council shall have power to regulate the course of proceedings at meetings of Council, and to make arrangements as to the times of its ordinary meetings.

The Council shall have power to make regulations for the government of the College, in cases not provided for by the Statutes.

The Council shall have power to prescribe the courses of instruction to be pursued in the College, and to prescribe the Entrance, Scholarship, and other Collegiate Examinations.

The Council shall have power to make regulations for the maintenance of discipline and good conduct among the Students, both without and within the College precincts, in cases not provided for by the Statutes, and of affixing penalties and punishments to the violation of the same.

The Council shall have power to appoint Committees of Professors for any Collegiate purpose, and to prescribe their duties and define their powers.

The Council shall have power to require the co-operation or assistance of any Professor, Scholar, or Office-bearer of the College in such reasonable ways as it may prescribe, for

the better maintenance of discipline and good conduct among the Students, or for the general business of the College.

The Council shall exercise a general supervision and control over the income and expenditure of the College.

No resolution of the Council shall come into operation until it shall have received the signature of the President, or, in his absence, of his Deputy, acting by his authority.

CHAPTER IV.

OF THE POWERS AND DUTIES OF THE PRESIDENT AND VICE-PRESIDENT.

The President shall, in virtue of his office, preside over all Collegiate Meetings at which he may be present.

He shall have power to regulate and prescribe the order to be observed at the opening and close of the Collegiate Session, at the conferring of Honours, and generally at all public proceedings of the College.

He shall prepare the report of the proceedings of the College and forward it to the Lord Lieutenant, to be laid before Parliament, agreeably to the provisions of 8th and 9th Victoria, chapter 66, section 20.

The correspondence of the College shall be conducted under his direction, whether founded on a resolution of Council or otherwise.

He shall sign or authorize the signature of all Certificates of Prizes, and other official documents, and shall authenticate the affixing of the College Seal to such documents as may require it.

He shall prescribe the times and hours of attendance of the Registrar and Bursar in their respective offices.

He shall have the power of appointing the minor Officers and Servants of the College, and shall regulate their duties and control their conduct.

He shall have the sole power of granting leave of absence to the Professors, Officers, and Servants of the College.

He shall have power, at all times, to visit any Hall, Lecture-room, Office, or public apartment of the College.

He shall advise and remonstrate with any Professor of the College, whenever it shall come to his knowledge that such Professor has been negligent of his duties, or has shown a want of zeal in using the most efficacious means of imparting instruction to his class, and of promoting education in the College.

He shall advise and remonstrate with any Office-bearer of the College, whenever it shall come to his knowledge that such Office-bearer has been negligent of his duties.

Should any Professor or Office-bearer of the College prove inattentive to the advice or remonstrance of the President, the President shall, after giving such Professor or Office-bearer notice of his intention, and furnishing him with a copy of the official statement he proposes to make of the case, call the attention of the Government to the conduct of such Professor or Office-bearer.

He shall exercise a constant supervision over all departments of the College, and shall direct his particular attention to the maintenance of order and discipline in the same.

He shall appoint Auditors of the Bursar's accounts, who shall report to the Council on the financial state of the College; and he shall sign, at the meetings of Council, all orders for the payment of money on account of the College.

He shall have power to license Boarding-houses for Students, and to exercise a full supervision of the same, for the purpose of ascertaining whether the regulations made by him for their order and discipline shall have been complied with.

He shall make arrangements for the holding of visitations, as directed by the Statutes, and shall have power to call extraordinary Meetings of the Visitors.

He shall have power to summon extraordinary meetings of the Corporate Body, of the Council, and of any Collegiate Committee.

He shall have power to dissolve any Collegiate Committee.

He shall, on occasions of his absence or illness, appoint a Deputy from among the Professors, who shall exercise his powers and discharge his duties for the time being; provided that no one but the President shall exercise a casting vote at meetings of Council, or authorize the signature of resolutions of Council.

OF THE POWERS AND DUTIES OF THE VICE-PRESIDENT.

We will and ordain that shall be Vice-President of the College, and that until the office of Vice-President shall determine, he shall be *ex-officio* the Deputy of the President during his absence or illness, and shall, in the absence of the President, have a second or casting vote in the Council, notwithstanding anything to the contrary in these presents; and that the following shall be his powers and duties as Vice-President; that is to say:

He shall hold a position next in rank to the President in the government of the College, and at all collegiate meetings.

He shall be a member of the Council, in addition to the President and those members of Council whose election has been hereinbefore directed, and shall attend the meetings of the College Council and the public meetings of the College.

He shall have power to visit, at any time, any hall, lecture-room, office, or other public apartment of the College.

He shall exercise a constant supervision over all departments of the College, and shall direct his particular attention to the maintenance of order and discipline in the same.

He shall, in respect to the professorship which he holds, conform to the provisions of the Statutes which regulate the powers and duties of the Professors.

CHAPTER V.

OF THE POWERS AND DUTIES OF THE PROFESSORS.

Every Professor shall attend the meetings of the Corporate Body of the College; and, if appointed a member of the Council, shall attend the meetings of Council, and perform the other duties pertaining to that office.

He shall, if appointed Deputy to the President, discharge the duties of the President during his absence, or until a successor shall have been appointed by the President.

He shall serve upon all Committees to which he may be appointed by the Council, shall discharge the duties of a College Tutor if required to do so by the Council, and shall assist and co-operate with the Council in such other reasonable ways

as the Council may prescribe, for the maintenance of discipline and good conduct in the Students, or for the general business of the College.

He shall hold, or assist at, all College Examinations according to the appointment of the Council.

Each of the Professors enumerated in the subjoined table shall also hold, or assist at, all University Examinations of Matriculated Students, according to the appointment of the Senate of the Queen's University in Ireland: provided that he shall not be required to discharge these duties, unless he receive from the University, for each year that he is called upon by the Senate of the University to act as Examiner, the sum placed opposite his title in the table, viz. :—

<i>Professors of—</i>	£	<i>Professors of—</i>	£
Greek,	20	Chemistry,	20
Latin,	20	Natural History,	20
Mathematics,	20	Modern Languages,	20
Natural Philosophy,	20	Anatomy and Physiology,	20
History, English Literature, and Mental Science,	20	Civil Engineering,	20

Provided further that no Professor shall be required to repair to Dublin to hold University Examinations, unless his personal expenses are defrayed by the University.

He shall lecture, teach, and examine such classes, at such hours and for such periods as may be appointed by the College Council, and shall observe punctuality and diligence in discharging these duties, and shall maintain strict order and discipline in his class.

No Professor shall deliver any special lectures, or courses of instruction, except under the sanction of the College Council.

Any Professor may, under the sanction of the President, receive into his house, for residence, a limited number of the Students of the College.

Each Professor shall arrange and prepare catalogues of all College property intrusted to his charge, and shall carefully attend to the preservation of the same.

He shall annually revise the catalogues of the collections intrusted to his charge, and report to the Council on the condition of the collections, and on any additions they may have received, or any losses they may have sustained, since the last previous report.

If any Professor shall, in any Lecture or Examination, or in the discharge of any other part of his collegiate duty, teach or advance any doctrine, or make any statement derogatory to the truths of revealed religion, or injurious or disrespectful to the religious convictions of any portion of his class or audience, or shall introduce or discuss any subject of controversy, political or religious, tending to produce contention or excitement, such Professor shall be summoned before the Council, and upon sufficient evidence of his having so transgressed, shall be formally warned and reprimanded by the President; and if any such Professor be guilty of a repetition of said or similar offence, the President shall forthwith suspend him from his functions, and take steps officially to recommend to the Crown his removal from office, as having transgressed the Statutes of the College, and violated his obligations to its authorities.

Every Professor shall, upon entering into office, sign the following declaration:—"I, *A, B*, do hereby promise to the President and Council of Queen's College, Galway, that I will faithfully, and to the best of my ability, discharge the duties of Professor of _____ in the said College; and I further promise and engage that in lecturing and examining, and in the performance of all other duties connected with my chair, I will carefully abstain from teaching or advancing any doctrine, or making any statement derogatory to the truths of revealed religion, or injurious or disrespectful to the religious convictions of any portion of my class or audience. And I moreover promise to the President and Council that I will not introduce or discuss in my place or capacity of Professor, any subject of controversy, political or religious, tending to produce contention or excitement; nor will I engage in any avocation which the Council shall judge inconsistent with my office; but will, as far as in me lies, promote on all occasions the interests of education and the welfare of the College."

Provided always, that if any Professor heretofore appointed by us prefer that his duties be those imposed by our former Letters Patent of the eleventh day of December, in the thirteenth year of our reign, he shall be ruled by the Statutes therein contained, so far as his duties are concerned, and be exempted from any additional duties imposed by, or in virtue of, these presents, provided that he announce his desire in writing to the President within one calendar month from the

date of these presents; and in this case, any increase which would have accrued to his stipend under the provisions of these our Letters, over and above the stipend allotted to him in our said former Letters Patent, shall be applied to augment the sum hereinafter allocated to the payment of College Scholarships and other prizes.

CHAPTER VI.

OF THE DUTIES OF THE REGISTRAR.

The Registrar shall attend in his office at such times as the President shall prescribe, and shall be in readiness at all times to attend the meetings of the Council.

He shall take a general charge of the College buildings and property, and especially during the vacation; and for this purpose shall reside within the College precincts, unless by the written permission of the President, or unless he be required to attend in Dublin, as University Examiner, by the Senate of the Queen's University in Ireland; and he shall make such arrangements for the security of the College buildings and property during his absence as shall be satisfactory to the President: provided that his residence within the College precincts shall not be required until the office of Vice-President shall have determined.

He shall keep a list of the names and residences of the Students, arranged according to their respective classes, and shall furnish to each Dean of Residences the list of those Students who are committed to his charge.

He shall prepare and issue under the direction of the President summonses for the meetings of Council, and all other summonses and notices for Collegiate purposes.

He shall preserve the Rolls of Attendance of the Professors and Students at lecture.

He shall prepare under the direction of the Council programmes of all examinations.

He shall prepare under the direction of the Council all orders for the disbursement of money.

After each Entrance Examination he shall forward to the Senate of the Queen's University in Ireland a list of the candidates who shall have passed the Entrance Examination, and entered on the study of the course prescribed for a degree

or other University distinction, in order that they may be matriculated in the University. And all Students whose names shall have been thus returned to the Senate for matriculation, shall enjoy the privileges and discharge the duties of Matriculated Students within the College.

He shall also prepare and forward, under the direction of the President, all other documents relating to the Queen's University in Ireland which the Chancellor or Senate may require, and shall preserve copies of the same.

He shall carry on the correspondence of the College under the direction of the President.

He shall keep a record of all College transactions.

He shall, when required by the President or Council, prepare the official documents of the College, and shall preserve copies of the same.

He shall prepare and make copies of all other College documents which the President or Council may require.

He shall keep a list of the licensed Boarding-houses, and of the Students resident therein.

He shall inspect and report on the condition of the licensed Boarding-houses, when required to do so by the President.

He shall carry out the instructions of the Council in such other reasonable ways as the Council shall prescribe for the maintenance of discipline and good conduct in the Students, and for the general business of the College.

He shall sign a declaration that he will preserve all books, records, or documents committed to his care by the President or Council; that he will not allow them to be removed, read, or inspected by any person whatsoever without the written permission of the President or Council: and that he will observe due secrecy with respect to the proceedings of the College Council, and his official communications with the President.

CHAPTER VII.

OF THE DUTIES OF THE BURSAR.

The Bursar shall attend in his office at such times as the President shall prescribe.

He shall lay before the Council at each of its ordinary meetings the accounts of, and vouchers for, all moneys disbursed on behalf of the College since its last previous meeting. He shall also present a detailed estimate of the sums required for the current expenses of the College, and shall thereupon receive the written authority of the Council to disburse the same.

He shall collect from the Students, on behalf of the College, all collegiate fees, shall give receipts for the same, and shall account for all sums so received to the Council.

He shall collect from the Students, on behalf of the Professors, the class fees, and shall pay over the same to the several Professors, at such periods as shall be appointed by the Council.

He shall prepare all such documents relating to the income and expenditure of the College as the President or Council may require, and shall preserve copies of the same.

He shall assist, when required by the President, in preparing and making copies of College documents.

He shall pay constant attention to the state of the College buildings, and shall, from time to time, as occasion may require, lay before the Council a statement of any repairs or alterations which may be necessary for the conservation thereof.

He shall, when called upon to do so by the Council, make a general inventory of all the College property, and prepare a report on the general condition thereof, and shall lay such inventory and report before the Council at its next subsequent meeting, and shall preserve copies of the same.

He shall carry out the instructions of the Council in such other reasonable ways as the Council shall prescribe for the maintenance of discipline and good conduct in the Students, and for the general business of the College.

He shall, before entering on his office, give such and so much security to the College for the faithful discharge of his duties, as the Council shall deem sufficient.

CHAPTER VIII.

OF THE DUTIES OF THE LIBRARIAN.

The Librarian shall attend in the Library at such times as the Council shall prescribe.

He shall, under such restrictions as may be prescribed by the Council, allow the Students to consult the books therein.

He shall keep a list of all books given out from the Library, with the dates of their issue and return.

In case of any book being injured or defaced, he shall report the same to the Council.

He shall arrange the Library, and prepare catalogues of the books, in such mode and form as the Council shall prescribe, and shall superintend the printing of the same.

He shall call in, at such time each year as shall be prescribed by the Council, all the books which may have been issued from the lending department of the Library, and shall revise the catalogues under the direction of the Council.

He shall also report to the Council the additions made to the Library during the year, and any losses it may have sustained, as well as upon the general state of the books and furniture.

He shall carry out the instructions of the Council in such other reasonable ways as the Council shall prescribe for the maintenance of discipline and good conduct in the Students, and for the general business of the College.

He shall sign a declaration that he will, to the utmost of his power, preserve from loss or damage the books and other property contained in the Library.

CHAPTER IX.

OF SCHOLARSHIPS, AND THE DUTIES OF SCHOLARS.

Thirty Junior Scholarships shall be founded in the Faculty of Arts, of the annual value of twenty-four pounds, ten tenable by Students of the first year, ten by Students of the second year, and ten by Students of the third year; and

shall be conferred and retained under such regulations as the Council shall from time to time prescribe.

Of the ten Junior Scholarships in Arts tenable by Students of each year, five shall be awarded for proficiency in literary studies, and five for proficiency in scientific studies; provided that it shall be competent for the Council, in case Scholarships in either department be withheld on the ground of insufficient answering, to assign the unawarded Scholarships to the other department.

Two Junior Scholarships shall be founded in the Faculty of Law, of the annual value of twenty-five pounds each; one tenable by a student in Law of the first year, and one tenable by a student in Law of the second year; and shall be conferred by examination, and retained under such regulations as the Council shall prescribe.

Eight Junior Scholarships shall be founded in the Faculty of Medicine, of the annual value of twenty-five pounds each, two tenable by Students of the first year, two by Students of the second year, two by Students of the third year, and two by Students of the fourth year; and shall be conferred by examination, and retained under such regulations as the Council shall prescribe.

Five Junior Scholarships shall be founded in the School of Engineering of the annual value of twenty pounds; two tenable by Students of the first year, two by Students of the second year, and one by a Student of the third year; and shall be conferred by examination, and retained under such regulations as the Council shall prescribe.

Eight Senior Scholarships shall be founded of the value of forty pounds each, tenable by Matriculated Students who shall have, during three College Sessions, of which two at least shall have been attended at Queen's College, Galway, attended such courses of lectures, and passed such examinations as shall be prescribed in that behalf by the Council of the Queen's College, Galway, and who shall have passed the necessary examination within five years from the date of Matriculation, and who shall have complied with such further conditions as the Council shall impose; and such Senior Scholarships shall be conferred and retained under such regulations as the Council shall prescribe.

Junior Scholars shall forfeit their Scholarships on ceasing to continue their studies in the manner prescribed by the Council to Students of their class and standing, or on ceasing

to comply with such other conditions as the Council shall impose.

They shall, if required by the Council, take charge of the rolls of the classes, register the attendance of the Students at Lecture, and assist the Professors in the arrangements for the Lectures, under such regulations as the Council shall prescribe.

They shall be exempted from the payment of one moiety of the class-fees for the courses prescribed to Students of their faculty and standing: but this exemption is not to extend to the fees of any Honour Lectures attended by them out of the order of studies laid down in the curriculum.

Senior Scholars and Junior Scholars in Medicine of the fourth year shall, if required by the Council, assist the Professors in such ways and under such regulations as the Council shall prescribe.

Scholars, whether Senior or Junior, shall carry out the instructions of the Council in such other reasonable ways as the Council shall prescribe for the maintenance of discipline and good conduct in the Students, and for the general business of the College.

If any candidate for Junior Scholarships in Arts shall be placed first in order of merit on both the lists of candidates, he shall be entitled to two Junior Scholarships—one in Literature and one in Science; but in no other case shall two Scholarships, senior or junior, be simultaneously held by one individual.

All Scholarships and prizes shall be open to Students of either sex.

CHAPTER X.

OF THE DUTIES OF MATRICULATED STUDENTS.

Every Matriculated Student shall obey the Statutes of the College, conform to all Decrees or other Regulations made by the authorities of the College, for the maintenance of discipline and good conduct, and assist the College authorities in enforcing the same.

CHAPTER XI.

OF THE DUTIES OF NON-MATRICULATED STUDENTS.

Non-Matriculated Students on paying the regulated class-fees, and signing an engagement to observe order and discipline in the College, shall be permitted, without undergoing a preliminary examination, to attend any separate course, or courses, of lectures; but shall not be permitted to become candidates for Scholarships or other prizes, or to enjoy the other privileges of Matriculated Students.

Matriculated Students who attend voluntary courses shall, so far as these courses are concerned, be regarded as Non-Matriculated Students.

CHAPTER XII.

OF THE LIBRARY.

The Library shall be open at such times, and shall be subject to such regulations, as the Council shall prescribe.

CHAPTER XIII.

OF THE MUSEUMS.

The Museums shall be open at such times, and subject to such regulations, as the Council shall prescribe.

CHAPTER XIV.

OF VISITATIONS.

The Board of Visitors appointed by Us shall hold their ordinary Visitation triennially, at some time in the College Session to be fixed by them, with the concurrence of the President, for the purpose of visiting and inspecting the different departments of the College, and of inquiring into the general state of discipline therein, and of hearing appeals of such Professors, Office-bearers, or Students, as may consider

themselves aggrieved by any sentence of the College authorities, and of deciding upon them according to the Statutes of the College; provided that notice of such appeals, and of the acts or decisions complained of, be furnished to the President at least seven days before the commencement of such Visitation: and during the period of Visitation, the Visitors shall have free access to all departments of the College, and shall have authority to obtain from each officer of the College any information and assistance they may require regarding his peculiar department.

The Registrar of the College shall act as Registrar to the Visitors, and take proper minutes and make records of their proceedings.

The Visitors shall have power to hold an extraordinary Visitation at any time during the Collegiate Session, upon giving three weeks' previous notice to the President, which notice shall contain a full statement of the objects of such Visitation, and the names of all persons concerned therein; and the Registrar of the College, by the direction of the President, shall, fourteen days previous to the appointed day, notify to all persons so named by the Visitors the time and objects of such Visitation, and shall cause a public notice thereof to be affixed to some conspicuous part of the College.

Any Professor, Office-bearer, or Student, who shall consider himself aggrieved by any act or decision of the President or College Council, shall have the power of praying for an extraordinary Visitation, and shall prepare a statement setting forth the grounds on which he considers himself aggrieved, which statement shall be communicated to the President, and by him forthwith transmitted to the Visitors; and in case the Visitors shall determine that sufficient cause has been shown for holding a Visitation, they shall notify their determination, as also the day and place which they have appointed for the same, to the President three clear weeks before; and the President shall direct the Registrar to issue the special and public notices, as in all cases of extraordinary Visitations.

The Board of Visitors shall, in all cases of appeal, communicate their decisions to the President and Council, in order that the same may be carried into effect, according to the Statutes of the College.

CHAPTER XV.

OF PUNISHMENTS.

Any Student guilty of any of the following offences shall be liable to expulsion from the College; but it shall be competent to the Council, should they deem it more conducive to the discipline of the College, and the reformation of the offender, to impose some lighter punishment for the same:—

1. Habitual neglect of attendance for Divine Worship at such church or chapel as shall be approved by his parents or guardians.
2. Habitual neglect of attendance on the religious instruction provided for Students of his Church or denomination.
3. Immoral or dishonest practices.
4. Treasonable or seditious conduct.
5. Drunkenness.
6. Grievous offences against College rules or discipline.
7. Wilful and serious injury to the property of the College.

For all offences and violations of the Statutes of the College, or of the Decrees or other regulations of the College Council, of a less grievous nature than the preceding, the Council shall have power to inflict such fine or other punishment as shall appear to them suitable to the same.

No Student shall be allowed to enter or pursue his studies in the said Queen's College while under sentence of temporary exclusion, or after expulsion from any one of the Colleges founded under the said Act of Parliament.

CHAPTER XVI.

OF THE RESIDENCES OF STUDENTS, AND THE DEANS OF RESIDENCES.

Every Matriculated Student, being under the age of twenty-one years, shall be required to reside during the College Terms with his parent or guardian, or with some relation or friend to whose care he shall have been committed by his parent or guardian, and who shall have been approved of by the President, or in a Boarding-house licensed and arranged for the reception of Students in the manner hereinafter described.

The relation or friend to whose care a Student shall have been committed, shall attend at the entrance of the Student into the College, to certify to the President the said Student's place of residence, and to accept the charge of his moral and religious conduct.

Every Student intending to reside in a licensed Boarding-house shall, at his entrance into the College, produce a certificate to the President from his parent or guardian, specifying the Boarding-house in which it is proposed he shall reside.

The President shall require every person applying for a licence to keep a general Boarding-house, to produce a certificate of moral and religious character from his clergyman or minister, and shall obtain satisfactory evidence of the suitability of the proposed establishment, and of its means of providing for the health and comfort of the Students.

If the Bishop, Moderator, or constituted Authority of any Church or religious denomination shall notify to the President his or their desire that there shall be a Boarding-house specially licensed for the exclusive use of the Students of such Church or denomination, and shall specially recommend persons applying for licence to establish the same, the President shall, in every such case, grant such licence, provided he shall obtain satisfactory evidence of the suitability of the proposed establishment, and of its means of providing for the health and comfort of the Students.

In the case of Collegiate Students residing in a seminary or school which is under the special jurisdiction of the Bishop, Moderator, or the constituted Authority of any Church or religious denomination, the President shall, on receiving a notification from such authority, consider residence in such seminary or school as equivalent to residence in the house of a parent or guardian, and shall exempt such seminary or school from licence or inspection, but shall require the same attendance at entrance as in the case of a Student residing with his parent or guardian.

For the better maintenance of moral and religious discipline in the licensed Boarding-houses, such clergymen or ministers as We shall, from time to time, by warrant under our Sign Manual, appoint Deans of Residences, shall have the moral care and spiritual charge of the Students of their respective creeds residing in the licensed Boarding-houses.

The College Council shall have power to assign lecture

rooms within the precincts of such College, wholly or in part, for the use of the Deans of Residences, for the purpose of affording religious instruction to the Students of their respective creeds, and also to make rules concerning the days and times when such religious instruction shall be given therein, and for securing that the same shall not interfere with the general discipline of the College; provided always, that no Student shall be compelled by any rule of the College to attend any theological lecture or religious instruction other than is approved by his parents or guardians, and that no religious test shall be administered to any person in order to entitle him to be admitted a Student of any such College, or to hold any office therein, or to partake of any advantage or privilege thereof.

No Clergyman or Minister shall be competent to assume or continue to hold the office of Dean of Residences, unless approved of by the Bishop, Moderator, or constituted Authority of his Church or religious denomination.

The Registrar shall, at the commencement of every Collegiate Session, furnish each Dean of Residences with a list of the names and residences of the Students of his religious persuasion who may reside in the licensed Boarding-houses.

Each Dean of Residences shall, at the termination of every Collegiate Session, report to the President on the general conduct of the Students under his moral care and spiritual charge, and on the manner in which discipline, regarding such Students, has been observed in the several licensed Boarding-houses in which they reside.

CHAPTER XVII.

OF THE ALLOCATION OF THE ENDOWMENTS.

The following sums shall annually be allocated out of the sum charged on the Consolidated Fund for the maintenance of the College, under the provisions of the 8th and 9th Vic., c. 66, s. 12, that is to say:—

The sum of Eight Hundred Pounds shall be annually allocated out of the aforesaid charge to the payment of the President.

The sum of Three Thousand Nine Hundred Pounds shall

be annually allocated out of the same fund to the payment of the Professors, according to the following scale, viz. :—

	£
Professor of Greek,	330
Professor of Latin,	330
Professor of Mathematics,	330
Professor of Natural Philosophy,	330
Professor of History, English Literature, and Mental Science,	340
Professor of Chemistry,	300
Professor of Natural History,	300
Professor of Civil Engineering,	300
Professor of Modern Languages,	220
Professor of Anatomy and Physiology,	220
Professor of Jurisprudence and Political Economy,	150
Professor of English Law,	150
Professor of Medicine,	150
Professor of Surgery,	150
Professor of Materia Medica,	150
Professor of Midwifery,	150

The sum of Eight Hundred Pounds shall be annually allocated out of the same fund to the payment of the Registrar, Bursar, and Librarian, and of the minor Officers and Servants of the College; provided that if a Professor be appointed to the office of Registrar, Bursar, or Librarian, he shall not receive for his services in this capacity a stipend exceeding Seventy-five Pounds annually, from the aforesaid sum charged upon the Consolidated Fund.

The sum of One Thousand Five Hundred Pounds shall be annually allocated out of the aforesaid charge on the Consolidated Fund to the payment of College Scholarships and other prizes.

If any part of the aforesaid charge of Seven Thousand Pounds on the Consolidated Fund remain unexpended in any year, it shall be competent for the Council to apply the sum so unexpended in the institution and augmentation of College Scholarships and other Prizes; or, provided the assent of our Lieutenant-General and General Governor of Ireland shall have been previously obtained, in such other ways, consistent with the provisions of the said Act of Parliament, as shall to them seem most conducive to the advancement of learning and knowledge, and to the promotion of those objects for which the College has been founded.

Provided always, that in no case shall the stipend of any Professor or Officer heretofore appointed by us, fall short of

the salary allotted to him by our aforesaid Letters Patent of the eleventh day of December, in the thirteenth year of our reign.

Provided further, that until the Office of Vice-President and the Chair of History and English Literature shall next become vacant; and until one of the two Professorships of Natural History shall determine; and until the Chair of Agriculture shall next become vacant; until each of these events shall have respectively happened, the stipend of each of the following Professors shall be less than it otherwise would be according to the tenor of these presents, by the amount set in the corresponding column opposite to the title of that Professor in the following table; that is to say:—

The Stipends of the Professors of	}	Greek,	} shall be respectively less by	} until the Office of Vice-President and the Chair of History and English Literature shall next become vacant; and shall be less by	} until one of the two Professorships of Natural History shall determine; and shall be respectively less by	} until the Chair of Agriculture shall next become vacant.			
		Latin,					40	10	15
		Mathematics,					40	10	15
		Natural Philosophy, History, English Literature, and Mental Science,					40	10	15
		Chemistry,					40	10	15
		Natural History, Civil Engineering, Modern Languages,					90	12	18
		Anatomy and Physiology,					50	100	18
		Medicine,					80	16	4
		Surgery,					10	2	4
		Materia Medica,					10	7	9
		Midwifery,					25	7	9
							25	7	9
							25	7	9
							25	7	9

CHAPTER XVIII.

REGULATING THE COLLEGE SESSIONS, AND FEES PAYABLE BY STUDENTS.

The College Session for Students in Arts shall commence on the third Tuesday in the month of October in each year, and terminate on the second Saturday in June, and shall consist of three terms : the first, extending from the commencement of the Session to the Christmas recess ; the second, from the Christmas recess to the Easter recess ; and the third, from the Easter recess to the end of the Session.

The recesses at Christmas and Easter shall not exceed two weeks each.

Persons desirous of prosecuting particular branches of science or literature shall be permitted, on conforming to the regulations made in reference to Non-Matriculated Students, to attend any separate Course or Courses of Lectures, but not to become Candidates for Scholarships, or to enjoy the other privileges of Matriculated Students.

The fees payable for Matriculated Students to the Bursar, on behalf of the College, shall not exceed :—

	£	s.	d.
At the commencement of the first year (including Entrance Fee),	3	0	0
At the commencement of the second year,	2	0	0
At the commencement of the third year,	2	0	0
At the commencement of the fourth year,	2	0	0

The fees payable by Students, whether Matriculated or Non-Matriculated, to the several Professors, for attendance on the several Pass Courses of Lectures, or instruction, which are now or may be hereafter prescribed by the College Council, for any degree or other University distinction, shall be £1 for each Course extending over one term only, and £2 for each Course extending over more than one term of a Session, when attended for the first time, and £1 for each re-attendance on the same ; except that the fee payable for the Course of Anatomy and Physiology shall be £3 when attended for the first time, and £2 for every subsequent attendance ; except also that the fee payable for Practical Anatomy or Practical Chemistry shall be £3 for each attendance.

In the case of Students receiving special instruction not prescribed as a qualification for a degree or other University distinction, or attending Honour Courses of Lectures, the Council shall have power to fix the amount of the fee to be paid by each Student: provided that the fee to be paid for any Honour Course of Lectures which Students are entitled to substitute for a prescribed Pass Course, shall in no case be less than £2.

No Professor shall be entitled to claim the fees of any Class of Students, except so long as that Class shall be required by the Council to attend his instruction; and it shall be the duty of the Council to revise and amend the Regulations prescribing Courses of Study from time to time, whenever they deem it conducive to the interests of education and of the Students so to do, irrespective of considerations affecting the incomes of Professors.

CHAPTER XIX.

AD-EUNDEM STUDENTS.

It shall be competent to the Council to permit any Student who shall have pursued part of his collegiate studies in any one of the Colleges founded under the said Act of Parliament, or in any University capable of granting Degrees in the several Faculties of Arts, Law, and Medicine, and any Legal or Medical Student who shall have pursued part of his legal or medical studies under teachers recognised, or to be recognised, by the Senate of the Queen's University, on passing such examinations and fulfilling such other conditions as the Council shall prescribe, to take corresponding rank in this College, and also to compete for Scholarships or other prizes of the corresponding year, provided he shall not hold at the same time a Scholarship or other office of emolument in any other University, College, or Medical School.

And WE do also, for Us, our heirs and successors, grant and declare that this our Royal Letter, and the Letters Patent intended to be issued by virtue thereof, or the enrolment or exemplification of such Letters Patent, shall be in all things good, firm, valid, and effectual in law, according to the true intent and meaning of the same; and shall be

taken, construed, and adjudged, in all our courts or elsewhere, in the most favourable and beneficial sense, and for the best advantage of the said College, any misrecital, non-recital, omission, defect, imperfection, matter or thing whatsoever notwithstanding. And lastly WE do hereby promise and declare, for Us, our heirs and successors, that WE and they shall and will, at all times hereafter, give and grant to the aforesaid President and Professors, and their successors, such other reasonable powers and authorities as may be necessary for the better government thereof, and the more effectual execution of these premises. IN WITNESS whereof, we have caused these our Letters to be made Patent. Witness George William Frederick, Earl of Carlisle, our Lieutenant-General and General Governor of Ireland, at Dublin, the twelfth day of October, in the twenty-seventh year of our Reign.

Enrolled in the Office of the Rolls of Her Majesty's High Court of Chancery in Ireland on the thirtieth day of November, one thousand eight hundred and sixty-three.

EXTRACTS

FROM

GALWAY HOSPITAL ACT, 1892.

55 & 56 VICT., CHAP. CCXVII.

An Act to provide for the re-constitution of the Galway Infirmary and for other purposes connected therewith.

Re-constitution of Infirmary.

In lieu of the said infirmary there shall be established a public general hospital, to be called the Galway Hospital, available for the reception of patients residing in the county or county of the town of Galway, and the said hospital shall be regulated by and subject to the provisions of this Act.

Staff.

(1.) The medical staff of the said hospital shall consist of such surgeons and physicians of the Queen's College, Galway, or other duly qualified surgeons and physicians as may be appointed by the Local Government Board, and they shall perform such duties as may be prescribed by that Board, and in all respects be subject to the control of that Board and of the Board of Management of the hospital, in like manner as officers appointed under the Act of the session of the first and second years of the reign of Her present Majesty, chapter fifty-six, and shall be removable in the manner provided by section thirty-three of that Act.

(2.) The Board of Management, with the consent of the Local Government Board, may appoint such officers, matron, nurses, and other persons as may be necessary for the requirements of the hospital, and may, with the like consent, remove or dismiss the same, provided that the existing registrar, matron, and nurses of the county infirmary shall, if they so desire, be appointed the first registrar, matron, and nurses respectively of the hospital.

(3.) The Board of Management may pay such salaries or other remuneration as the Local Government Board approve to any of the persons mentioned in this section.

Classes for which Hospital available.

The hospital shall be available for—

- (a.) Any persons residing in the county or county of the town of Galway, who shall, so long as they remain in the hospital, defray the expenses of their maintenance therein and clothing, and shall be admissible upon an order signed by any two of the medical officers of the hospital; and
- (b.) Poor persons resident in the county or county of the town of Galway, requiring special or surgical treatment, the costs and expenses of whose treatment, maintenance, and clothing in the hospital shall be borne by the electoral divisions respectively liable for their maintenance, and who shall be admissible upon an order of the boards of guardians of the unions wherein such electoral divisions are situated.

Clinical School.

The hospital shall be available as a clinical school for medical students attending the Queen's College, and such students may attend the hospital at such times, and subject to such regulations as may be prescribed.

COLLEGE BUILDINGS.

THE College, erected in 1848, is situated on the west side of the River Corrib, which divides its grounds from the town of Galway. It is built of cut limestone from the neighbourhood, in the form of a quadrangle. The style is Gothic of the 14th century. Over the principal entrance facing the town is a clock tower, 108 feet high. The private residences of the President and Registrar with the Examination Hall occupy the west side. The Library, over 130 feet in length, extends along the first floor of the north side. It contains upwards of 35,000 volumes in the various departments, to which constant additions are made of the most recent standard works. Beneath it are the Drawing school and Lecture rooms of the Engineering department, the Pharmacy Laboratory, the Mathematics and Modern Languages Lecture rooms. Corresponding to it on the south side is the Museum of Natural History, under which are the Laboratory, Museum, and Lecture rooms of Natural Philosophy. The Laboratories of Chemistry and of Practical Physiology with the Museums of Geology and Mineralogy and of Gynæcology, which are described under the departments to which they belong, and various Lecture rooms occupy the rest of the main buildings. The Anatomical School is situated in the north-west corner of the grounds. The Botanical Gardens, the cricket and football fields, the tennis and racquet courts are in the grounds surrounding the principal Building, as are also the Meteorological instruments, which are in charge of one of the College officers. The majority of the students reside during term in Salthill, which lies on Galway Bay, about a mile distant from the College.

SCHOLARS.

SESSION 1849-50.

Faculty of Arts.

JUNIOR SCHOLARSHIPS.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Richardson, John H.	Duggan, Charles.
Norton, Bernard G.	Ford, Patrick F.
M'Mahon, George Y.	Ryan, Dominick D.
M'Dermott, Dominick.	M'Grath, John.
Fynn, Peter J.	Powell, John.
Murphy, Thadeus.	Scott, William.
Power, Richard.	Howse, John.
M'Mullen, James A.	O'Feely, Timothy.
Kyle, Christopher.	Eames, Richard F.
O'Maher, William.	Blake, Joseph V.
Fitzgerald, Nicholas.	Evans, John.
Johnston, William.	Johnston, John.
Eaton, Richard.	Ferguson, Robert.
Hughes, Patrick.	Tully, Joseph.
Kelly, Patrick.	Skerrett, Peter.
Gibson, John.	Duggan, Joseph.
O'Kelly, Edmond.	Walkinshaw, Robert.
Irwin, George.	King, William.
Pall, Joshua.	St. George, Henry.
Hearne, John Henry.	M'Mahon, Thos. A.
Dopping, James H.	
Hurley, Joseph.	
Scott, Patrick.	

Engineering Department.

FIRST YEAR.

Drysdale, Charles.	Gardiner, Martin.
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Agricultural Department.

FIRST YEAR.

Skilling, Thomas.	O'Hara, Thomas.
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SESSION 1850-51.

Faculty of Arts.

SECOND YEAR.

Literary Division.

Richardson, John.
 M'Dermott, Dominick.
 Kyle, Christopher.
 M'Mahon, George Y.
 Murphy, Thadeus.
 Johnston, William.
 Irwin, George.

Science Division.

Scott, Patrick.
 Powell, John.
 Ryan, Dominick D.
 Duggan, Charles.
 Howse, John.
 Johnston, John.
 Evans, John.
 O'Feely, Timothy.
 King, William.
 Walkinshaw, Robert.

FIRST YEAR.

Literary Division.

M'Gowan, Robert.
 Smyth, John Anderson.
 M'Grath, Thomas.
 Montgomery, James. }
 Mitchell, Robert J. } *equal.*
 Berwick, John.
 Browne, William A.
 Kilkelly, Garrett.
 Perrin, Patrick.
 Lalor, James.

Science Division.

Warrell, James.
 Stephens, Robert.
 Moorhead, John.
 Jackson, Burton.
 Comyns, William.
 Hurley, Joseph.
 Roache, Edward.
 Slater, James.
 O'Doherty, John.
 Gilmore, Charles.
 Gardiner, Martin.

Faculty of Law.

SECOND YEAR.

Ryan, Dominick D.

FIRST YEAR.

Keane, Christopher.

Faculty of Medicine.

SECOND YEAR.

Eaton, Richard. | O'Leary, John.

FIRST YEAR.

Skerrett, Peter. | Kelly, Patrick J.

Engineering Department.

SECOND YEAR.

Drysdale, Charles.

FIRST YEAR.

Eames, Richard F.



Agricultural Department.

SECOND YEAR.

Skilling, Thomas. | O'Hara, Thomas.

FIRST YEAR.

O'Hara, Charles. | Comyns, Patrick.

SESSION 1851-52.

Faculty of Arts.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.
Richardson, John.
Johnston, William.
Murphy, Thadeus.

Science Division.
Duggan, Charles.
Scott, Patrick.
Evans, John.
Howse, John.
Walkinshaw, Robert.
King, William.
Duggan, Joseph.

SECOND YEAR.

Literary Division.
Mitchell, Robert J.
Browne, William A.
Berwick, John.
Smyth, John A.
Hughes, Patrick J.
Mahony, John.
Fynn, Peter J.
Kilkelly, Garrett.

Science Division.
Ford, Patrick.
Breen, Michael.
M'Guire, Edward.
Roache, Edward.

FIRST YEAR.

Literary Division.
Moffett, James.
Fleming, William.
Dunlop, Charles.
Hurley, Francis.
Jackson, Burton. } *equal.*
Hooper, Charles J. }
Arthur, John. }
Ireland, Arthur J.

Science Division.
M'Shane, John.
Kearney, Daniel. } *equal.*
Johnston, John. }
Colahan, John. } *equal.*
Atkinson, Samuel. }

Faculty of Law.

THIRD YEAR.

Ryan, Dominick D.

SECOND YEAR.

Keane, Christopher.

Faculty of Medicine.

THIRD YEAR.

Eaton, Richard. | O'Leary, John.

SECOND YEAR.

Kelly, Patrick. | Skerrett, Peter.

FIRST YEAR.

Joynt, Christopher. | Moorhead, John.

Engineering Department.

SECOND YEAR.

Powell, John.

FIRST YEAR.

O'Doherty, John.

Agricultural Department.

SECOND YEAR.

O'Hara, Charles.

FIRST YEAR.

Short, William. | M'Grath, John.

SESSION 1852-53.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c.,	..	Richardson, John, B.A.
Metaphysical and Economic Science,	..	Johnston, Wm., B.A.
Natural History, .. .. .	..	Duggan, Charles, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Berwick, John.	|	Roache, Edward.
Mahony, John.	|	Hughes, Patrick J.
Mitchell, Robert J.	|	Ford, Patrick.
Browne, William A.	|	Powell, John.
Smith, John A.	|	M'Dermott, Dominick.

SECOND YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Jackson, Burton.	|	M'Guire, Edward.
Clarke, William.	|	Atkinson, Samuel.
Hooper, Charles J.	|	Kearney, Daniel.
Hurley, Francis.	|	Colahan, John.
Johnston, John W.	|	

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Charters, William.	|	Stephens, Samuel.
Treanor, W. S.	|	Breen, Daniel.
Davy's, Francis.	|	Gilmore, Stewart.
Arnold, Pierce.	|	Dillon, Gerald.
West, Raymond.	|	

Faculty of Law.

SENIOR SCHOLARSHIPS.

Ryan, Dominick D., B.A.

THIRD YEAR.

Keane, Christopher.

SECOND YEAR.

O'Feely, Timothy.

FIRST YEAR.

Walkinshaw, Robert.

Faculty of Medicine.

FIRST YEAR.

West, Raymond.
Crinnean, P.

Ireland, Arthur.

Engineering Department.

SECOND YEAR.

Breen, John.

FIRST YEAR.

Howse, John.

SESSION 1853-54.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c., ..	Dowling, Jeremiah, B.A.
Modern Languages and Modern History,	Hughes, Patrick J., B.A.
Metaphysics,	Browne, William A., B.A.
Natural History,	M'Dermott, Dominick, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Charters, William.	M'Guire, Edward.
Clarke, William.	Hurley, Francis B.
Hooper, Charles J.	Colahan, John.
Johnston, John W.	Kearney, Daniel.
Jackson, Burton.	Atkinson, Samuel.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
*West, Raymond.	*West, Raymond.
Treanor, William Stanley.	Tierney, Daniel.
Fleming, William.	Dillon, Gerald.
Arnold, Pierce.	Stephens, Samuel.
Davy, Francis.	Short, William.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Thomson, Alfred.	Adair, James.
Coffe, Edward.	Dowman, William.
Henry, John.	Gormley, John.
Stirke, Julius W.	Watts, Walter.
Conolly, James.	Breen, John.

* Having obtained *First* place in both divisions, retains both Scholarships.

Faculty of Law.

SENIOR SCHOLARSHIP.

Keane, Christopher M., B.A.

THIRD YEAR.

Stephens, Robert.

SECOND YEAR.

Mason, William.

FIRST YEAR.

Perrin, Patrick.

Faculty of Medicine.

FOURTH YEAR.

Blake, Joseph V. | Kelly, Patrick J.

THIRD YEAR.

Moorhead, John. | Joynt, Christopher.

SECOND YEAR.

Ireland, Arthur. | Purcell, Patrick J.

FIRST YEAR.

Mahony, John.

Engineering Department.

SECOND YEAR.

M'Donagh, William.

FIRST YEAR.

Meharg, William.

Agricultural Department.

SECOND YEAR.

M'Donagh, William.

FIRST YEAR.

Carrick, Daniel. | O'Leary, Arthur.

SESSION 1854-55.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages,	Mahony, John, B.A.
Metaphysical and Economic Science, ..	Kearney, Daniel, B.A.
Chemistry,	M'Dermott, Domk., B.A.
Natural Philosophy,	M'Guire, Edward, B.A.
Natural History,	Parker, James D., B.A.
Mathematics,	Ford, Patrick, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
*West, Raymond.	*West, Raymond.
Arnold, Pierce.	Tierney, Daniel.
Treanor, Stanley.	Gilmore, Stewart.
Davys, Francis.	

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Henry, John W. R.	Gormley, John.
Conolly, James.	Watts, Walter.
	Dowman, William.
	O'Hara, Thomas.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Lane, George.	Moore, John H.
Hooper, Robert.	Bateman, Richard.
Monroe, John.	Bruen, Patrick.
Reddan, John.	Ross, Cornelius P.
Stewart, Robert F.	Thane, Charles H.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Mason, William.

SECOND YEAR.

Perrin, Patrick.

FIRST YEAR.

Hooper, Charles J.

* Having obtained *First* place in both divisions, retains both Scholarships.

Faculty of Medicine.

FOURTH YEAR.

Duggan, Joseph.

THIRD YEAR.

[None.]

SECOND YEAR.

Colahan, John. | Crean, Martin.

FIRST YEAR.

Hurley, Francis B. | O'Brien, James.

— — —

Engineering Department.

THIRD YEAR.

[None.]

SECOND YEAR.

O'Kinealy, Michael.

FIRST YEAR.

O'Kinealy, James.

— — —

Agricultural Department.

SECOND YEAR.

Carrick, Daniel. | Keane, John E.

FIRST YEAR.

Gouldsberry, Valesius. | Wall, Walter.

SESSION 1855-56.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c., ..	..	West, Raymond, B.A.
Modern Languages and Modern History, ..	..	Mahony, John, B.A.
Natural Philosophy, .. .. .	..	Ford, Patrick, B.A.
Metaphysics and Economic Science, ..	..	Hooper, Charles, B.A.
Chemistry, .. .. .	..	M'Guire, Edward, B.A.
Natural History, .. .. .	..	Moorhead, John, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Conolly, James.		Watts, Walter A.
Henry, John W. R.		Gormley, John.
		O'Hara, Thomas.
		Breen, John.

SECOND YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Monroe, John.		Thane, Charles H.
Treanor, Arthur.		Adair, James J.
Bateman, Richard C.		Burke, Martin J.
West, John D.		Moore, John H.
Stewart, Robert F.		

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Hunter, John.		Thynne, Henry.
Stewart, Washington.		O'Kinealy, James.
Evatt, Humphrey.		Quinn, Martin.
Hart, James C.		O'Neill, George F.
		Grealy, John.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

O'Feely, Timothy O'B.

SECOND YEAR.

[None.]

FIRST YEAR.

Arnold, Pierce.

Faculty of Medicine.

FOURTH YEAR.

(Therapeutics), Morris, Michael O'K., B.A.

THIRD YEAR.

Colahan, John. | Crean, Martin.

SECOND YEAR.

Hurley, Francis B. | O'Flaherty, Thomas A.

FIRST YEAR.

Sigerson, George. | M'Bride, John B.

Engineering Department.

SECOND YEAR.

Quinn, Michael.

FIRST YEAR.

Weir, John.

Agricultural Department.

SECOND YEAR.

Gouldsberry, Valesius. | O'Donohoe, Patrick.

FIRST YEAR.

Bradshaw, George B. | Killery, Henry.

SESSION 1856-57.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c.,	..	Arnold, Pierce, B.A.
Mathematics,	.. .. .	M'Guire, Edward, B.A.
Metaphysics and Political Economy,	..	O'Feely, Timothy O'B., B.A.
Chemistry,	.. .. .	Watts, Walter A., B.A.
Natural History,	.. .. .	Mahony, John, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Monroe, John.		Adair, James J.
Bateman, Richard.		Moore, John H.
Stewart, Robert F.		O'Hara, Charles.
West, John D.		Greene, Joseph R.
		Burke, Martin J.

SECOND YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
O'Neill, George F.		Thynne, Henry.
Hunter, John H.		O'Kinealy, James.
Hart, James C.		Grealy, John.
Lynam, James.		Quinn, Martin.

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Lawson, Charles H.		Reed, Andrew A.
(Also a prize of £10.)		Weir, John.
M'Mahon, William.		Martin, William Thomas
*Martin, Wm. Thos. } <i>equal.</i>		May, William.
Martin, William. }		*Lawson, Charles H.
O'Brien, Julius.		

Faculty of Law.

SENIOR SCHOLARSHIP.

Parker, James D., B.A.

THIRD YEAR.

Perrin, Patrick.

SECOND YEAR.

[None.]

FIRST YEAR.

*Lawson, Charles H. | O'Hara, Thomas.

* Ineligible, having obtained Scholarship in other division.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology,	.. ..	Reid, Robert, B.A.
Therapeutics and Pathology,	Colahan, John.

THIRD YEAR.

O'Flaherty, Thomas A.		Killery, St. John.
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SECOND YEAR.

Burke, John P.		Bournes, William H.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Lane, George.		Gormley, John.

Engineering Department.

THIRD YEAR.

[None.]

SECOND YEAR.

Blake, Martin P.

FIRST YEAR.

Cullen, Alexander.

Agricultural Department.

THIRD YEAR.

[None.]

SECOND YEAR.

Bradshaw, George B.		King, Nicholson.
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FIRST YEAR.

Bligh, John.		Clarke, Denis.
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SESSION 1857-58.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c.,	..	Monroe, John, B.A.
Modern Languages and Modern History,	..	Arnold, Pierce, B.A.
Metaphysics,	.. .. .	M'Mahon, George Y., B.A.
Mathematics,	.. .. .	Tierney, Daniel, B.A.
Natural History,	.. .. .	M'Guire, Edward, B.A.
Chemistry,	.. .. .	Hurley, Francis, B.A.
Natural Philosophy,	.. .. .	Bateman, Richard C., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Neill, George F.	O'Kinealy, James.
Hart, James C.	Thynne, Henry.
	Quinn, Martin.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Stewart, Washington.	Reed, Andrew A.
Martin, William Thomas.	May, William G.
Lynch, Martin.	Griffith, William.
Lynam, James.	Weir, John.
Conolly, Patrick.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Nicoll, Robert.	Cunningham, William A.
M'Auliffe, Michael J.	Murray, John.
Hopkins, Jacob B.	Davison, William.
Potter, Robert.	Burdge, William E.
Smith, Robert.	O'Farrell, William.

Faculty of Law.

SENIOR SCHOLARSHIP.

O'Feely, Timothy O'B., B.A.

THIRD YEAR.

[None.]

SECOND YEAR.

Madill, Thomas.

FIRST YEAR.

West, John D.

Faculty of Medicine.

FOURTH YEAR.

Therapeutics,	O'Flaherty, Thomas A.
Anatomy,	Mahony, John.

THIRD YEAR.

Burke, John P.		Burke, Martin J.
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SECOND YEAR.

Hooper, Robert.		Divers, Edward.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
M'Mahon, William.		Moore, John H.

Engineering Department.

SECOND YEAR.

Connolly, Michael.

FIRST YEAR.

Mac Farlane, Alexander.

Agricultural Department.

THIRD YEAR.

[None.]

SECOND YEAR.

Bligh, John.		Clarke, Denis.
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FIRST YEAR.

Rorke, Patrick.		Burke, John R.
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SESSION 1858-59.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c.,	..	Mitchell, Robert, B.A.
Modern Languages,	.. ..	O'Neil, George F., B.A.
Metaphysics,	.. ..	Monroe, John, B.A.
Mathematics,	.. ..	O'Kinealy, James, B.A.
Natural Philosophy,	.. ..	Moore, John H., B.A.
Chemistry,	.. ..	Breen, Michael, B.A.
Natural History,	.. ..	Bateman, Richard C., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Norton, Bernard G.	|	Reed, Andrew A.
Conolly, Patrick.	|	May, William.
Martin, William Thomas	|	Griffith, William.
	|	Evatt, Humphrey.
	|	Grealy, John.

SECOND YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
M'Auliffe, Michael.	|	Davison, Thomas.
O'Brien, Julius.	|	Ireland, Edward.
Smith, Robert.	|	O'Farrell, William.
	|	O'Hara, Charles.

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
* Wilson, Thomas N.	|	* Wilson, Thomas N.
Greer, James R.	|	† Blood, Bindon.
Blood, Bindon.	|	Dowman, Charles.
Greer, John H.	|	† Greer, James R.
Madill, Thomas.	|	M'Dermott, Brian.
	|	O'Farrell, Thomas. } <i>equal.</i>

* Eligible for both Scholarships, having obtained *First* in both divisions.

† Ineligible, having already obtained Literary Scholarship.

Faculty of Law.

SENIOR SCHOLARSHIP.

Hooper, Charles, B.A.

SECOND YEAR.

West, John D.

FIRST YEAR.

M'Kane, John.

|

Monroe, John.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology,	.. ..	M'Guire, Edward, B.A.
Therapeutics,	.. ..	Burke, Martin J., B.A.

THIRD YEAR.

Climo, William H.

|

Hooper, Robert.

SECOND YEAR.

M'Mahon, William.

|

Davis, John N.

FIRST YEAR.

Literary Division.

M'Kane, John.

M'Cracken, Thomas.

|

Science Division.

White, Thomas.

Engineering Department.

SECOND YEAR.

Thynne, Henry.

FIRST YEAR.

Galwey, Charles.

Agricultural Department.

SECOND YEAR.

Bright, William A.

FIRST YEAR.

Mullins, John.

|

Rentoul, James.

SESSION 1859-60.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c.,	..	M'Mahon, George Y., B.A.
Modern Languages,	.. ..	Mitchell, Robert J., B.A.
Mathematics,	.. ..	Moore, John H., B.A.
Natural Philosophy,	.. ..	Thynne, Henry, B.A.
Metaphysical and Economic Science,		O'Neill, George F., B.A.
Chemistry,	.. ..	O'Kinealy, James, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
M'Auliffe, Michael.		O'Hara, Charles.
		Davison, Thomas.
		Ireland, Edward.

SECOND YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
* Wilson, Thomas N.		* Wilson, Thomas N.
Cunningham, William.		Atkinson, John.
Crotty, Richard.		Dowman, Charles.
Madill, Thomas.		M'Dermott, Brian.
Smith, Washington.		Reid, William J.
		} <i>equal.</i>

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Hurley, Patrick.		Burke, Michael.
O'Connor, John.		King, Ælian.
Saunderson, James.		Stokes, George.
Mills, Samuel.		Falkiner, Richard.
Madden, Henry.		M'Enery, Edward.
		} <i>equal.</i>

Faculty of Law.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Monroe, John, B.A.

FIRST YEAR.

Louden, John J.

* Having obtained *First* Scholarship in both divisions, retains both Scholarships.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology, Climo, William H.
 Therapeutics and Pathology, Divers, Edward.

THIRD YEAR.

Davis, John N. | Evans, Charles.

SECOND YEAR.

White, Thomas R. | Potter, Robert.

FIRST YEAR.

Literary Division. | *Science Division*
 Connolly, Patrick. | Howse, John.

Engineering Department.

SECOND YEAR.

Waller, Edmund.

FIRST YEAR.

Grealy, John.

Agricultural Department.

SECOND YEAR.

Killery, Henry. | Mullins, John.

FIRST YEAR.

Greaven, Dominick. | Burke, Edward

SESSION 1860-61.

Faculty of Arts.**SENIOR SCHOLARSHIPS.**

Greek and Latin Languages, &c., ..	M'Auliffe, Michael, B.A.
Modern Languages and Modern History,	Conolly, James, B.A.
Mathematics,	Thynne, Henry, B.A.
Natural Philosophy,	O'Kinealy, James, B.A.
Metaphysical and Economic Science, ..	O'Hara, Thomas, B.A.

JUNIOR SCHOLARSHIPS.**THIRD YEAR.**

<i>Literary Division.</i>	<i>Science Division.</i>
Cunningham, William.	Atkinson, John.
Wilson, Thomas N.	O'Farrell, Thomas.
Crotty, Richard.	Reid, William.
Madill, Thomas.	Johnson, John.
Smith, Washington.	

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Greene, Joseph J.	King, Ælian.
Leary, Joseph W.	* Leary, Joseph W.
Hurley, Patrick.	Burke, Michael.
Mills, Samuel.	
Saunderson, James.	
M'Kenzie, John.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Sharkey, Edmond De L.	Saunderson, William H.
Feeny, Dominick.	Young, Robert.
M'Donnell, Anthony P.	Griffin, John.
Crooks, William.	Callaghan, Patrick.
Padin, Thomas.	Daly, William.

Faculty of Law.**JUNIOR SCHOLARSHIPS.****THIRD YEAR.**

Monroe, John.

SECOND YEAR.

Louden, John J.

FIRST YEAR.

Costigan, Thomas J.

* Ineligible, having obtained Scholarship in other division.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology, Davis, John N.
Therapeutics and Pathology, Gouldsberry, Valesius.

THIRD YEAR.

Comerford, Michael. | Potter, Robert.

SECOND YEAR.

King, Charles E. | Hughes, John H.

FIRST YEAR.

Literary Division. | *Science Division.*
Hanrahan, James J. | Bligh, John.

Engineering Department.

SECOND YEAR.

Falkiner, Richard.

FIRST YEAR.

Stoney, Edward W.

Agricultural Department.

FIRST YEAR.

O'Flynn, John T. | Kearney, Ambrose

SESSION 1861-62.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	Wilson, Thomas N., B.A.
Mathematics,	Atkinson, John, B.A.
Natural Philosophy,	O'Hara, Charles, B.A.
Natural History,	O'Farrell, Thomas, B.A.
Metaphysics and Political Economy,	Cunningham, William, B.A.
Chemistry,	Reid, William Joseph, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Leary, Joseph N.	Leary, Joseph W.
Greene, Joseph J.	King, Ælian.
Hurley, Patrick.	
Mills, Samuel.	
Saunderson, James.	

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Sharkey, Edmund De L. G.	Griffin, John.
Hare, Gustavus.	Saunderson, William H.
Mulholland, William.	Daly, William.
Feeny, Dominick.	Moody, Samuel.
Padin, Thomas.	M'Enery, Edward.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Wood, Edward.	Foreman, Robert.
Smylie, Archibald.	Winder, James.
M'Donnell, Anthony P.	Thompson, George.
Thynne, Andrew.	Burke, John.
Droughton, Edward.	Dooley, Michael.

Faculty of Law.

SENIOR SCHOLARSHIP.

Monroe, John, M.A.

THIRD YEAR.

Louden, John J.

SECOND YEAR.

Costigan, Thomas J.

FIRST YEAR.

M'Dermott, Brian.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology,	White, Thomas R. (£40).
Therapeutics and Pathology,	Davis, John N.

THIRD YEAR.

M'Mahon, William.		Dickenson, Frederick.
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SECOND YEAR.

Bligh, John.		Lightbody, William H.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Lynch, Martin.		Thomson, William.

Engineering Department.

SECOND YEAR.

Stoney, Edward.

FIRST YEAR.

Stanley, Alexander.

Agricultural Department.

FIRST YEAR.

Corbett, Thomas.		Nally, William.
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SESSION 1862-63.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	Conolly, James, B.A.
Modern Languages,	Conolly, Patrick, B.A.
Natural Philosophy,	Atkinson, John, B.A.
Chemistry,	O'Farrell, Thomas, B.A.
Mathematics,	King, Ælian, B.A.
Metaphysics and Political Economy, ..	Wilson, Thomas N., B.A.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Hare, Gustavus.	Griffin, John.
Mulholland, William.	Saunderson, William H.
Feeny, Dominick.	Moody, Samuel.
Crooks, William.	
M'Kenzie, John.	

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Wood, John E.	Foreman, R.
M'Donnell, Anthony P.	*Wallace, John.
Smylie, Archibald.	Burke, John.
Wallace, John.	Winder, James.
Droughton, Edward.	Dooly, M.
	Thompson, G. } <i>equal.</i>

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Wilson, William.	Deane, Henry.
M'Farlane, R.	Moorhead, William R.
Perse, William D.	Gaynor, William. } <i>equal.</i>
Killen, John M.	Gibbons, Thomas. }
Torrens, William.	Greaven, Dominick.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Costigan, Thomas.

SECOND YEAR.

M'Dermott, Brian.

FIRST YEAR.

[None.]

* Ineligible, having obtained Literary Scholarship.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology,	Hinds, Wm. R. G.
Therapeutics and Pathology,	Dwyer, Peter.

THIRD YEAR.

Comerford, Henry.		Hanrahan, James.
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SECOND YEAR.

Saunderson, James.		Thomson, William.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Baldwin, H.		Smith, William A.

Engineering Department.

THIRD YEAR.

[None.]

SECOND YEAR.

Stanley, Alexander.

FIRST YEAR.

. Odling, Charles.

Agricultural Department.

THIRD YEAR.

[None.]

SECOND YEAR.

[None.]

FIRST YEAR.

Chambers, Thomas.		Boyd John S
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SESSION 1863-64.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	Sharkey, Edmund De L. G., B.A.
Mathematics,	Griffin, John, B.A.
Natural Philosophy,	Saunderson, William H., B.A.
Natural History,	Chestnut, Joseph, B.A.
Chemistry,	O'Hara, Charles, B.A.
Modern Languages and History, ..	King, Ælian, B.A.
Metaphysics and Political Economy,	Mulholland, William, B.A.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
M'Donnell, Anthony P.	Foreman, Robert.
Wood, John E.	Daly, William.
Maybin, William.	Dooley, James.
Droughton, Edward.	Dooley, Michael.
Smylie, Archibald.	Thompson, George.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
M'Farlane, Robert.	Deane, Henry.
Wilson, William N. } <i>equal.</i>	Moorhead, William R.
Persse, William.	Forsyth, Samuel.
Mac Donald, Francis.	Greaven, Dominick.
Meharry, John.	Grealy, Nicholas.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
M'Swinney, Robert.	Walsh, Thomas.
Legate, George.	Hughes, William.
Macaulay, Colman.	Hector, William.
O'Connor, Thomas P.	Griffin, Thomas.
Gillespie, Michael.	Brooke, John.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Atkinson, John, B.A.

SECOND YEAR.

[None.]

FIRST YEAR.

Atkinson, Nicholas.

Faculty of Medicine.

FOURTH YEAR.

Anatomy and Physiology,	.. ..	Comerford, Henry (£25).
Therapeutics and Pathology,	.. ..	Wilson, William J. (£25).
Therapeutics (<i>Special Exhibition</i>),	Lupton, Henry (£18).

THIRD YEAR.

Bligh, John.		Conway, John.
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SECOND YEAR.

Boyd, John S.		Gorham, Anthony.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Holmes, Robert.		Walsh, Anthony.

Engineering Department.

THIRD YEAR.

M'Kelvey, Thomas.

SECOND YEAR.

Odling, Charles.		Potter, Michael.
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FIRST YEAR.

Lynam, William.		Walker, Richard.
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Agricultural Department.

THIRD YEAR.

[None.]

SECOND YEAR.

[None.]

FIRST YEAR.

[None.]

SESSION 1864-65.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	Dick, James, B.A.
Modern Languages and History,	{ M'Donnell, Anthony, B.A. } <i>equal.</i>
	{ Sharkey, E. De L. G., B.A. }
Metaphysics and Political Economy,	Conolly, Patrick, B.A.
Natural History,	Wood, John E., B.A.
Natural Philosophy,	Griffin, John, B.A.
Chemistry,	Conolly, James, B.A.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Wilson, William N.	Winder, James.
M'Donald, Francis.	Burke, John.
Persse, William D.	Deane, Henry.
Meharry, John.	Forsyth, Samuel.
M'Farlane, Robert.	Moorhead, William R.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Moffett, Samuel.	Brooke, John.
M'Swinney, Robert.	Hughes, William.
Killen, John.	Griffin, Thomas.
Clancy, John J.	Lough, William J.
Dickey, Conly.	Walsh, Thomas.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
* Ward, Peter.	* Ward, Peter.
Maguire, Thomas M.	Brooke, William.
	Matthews, William.
	Ievers, Henry.
	Walsh, Michael.
	Colahan, William H.

Faculty of Law.

SENIOR SCHOLARSHIP.

Atkinson, John, B.A.

THIRD YEAR.

Mulholland, William.

SECOND YEAR.

Atkinson, Nicholas.

FIRST YEAR.

Crooks, William.

* As *First* Scholar in both divisions, retains both Scholarships.

Faculty of Medicine.

FOURTH YEAR.

Bligh, John.		Saunderson, James.
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THIRD YEAR.

Burke, Michael.		Gorham Anthony.
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SECOND YEAR.

Sharpe, William.		Warde, Michael.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Reid, Matthew.		[None.]
Cleary, Michael J.		

Engineering Department.

THIRD YEAR.

Odling, Charles W.

SECOND YEAR.

Lynham, William.

FIRST YEAR.

Davy, Alfred.		Taaffe, Michael.
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SESSION 1865-66.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	Wilson, William N., B.A.
Mathematics,	Deane, Henry, B.A.
Natural Philosophy,	Foreman, Robert L., B.A.
Metaphysics and Political Economy,	Moorhead, William R., B.A.
Modern Languages and History, ..	Sharkey, Edmond D., B.A.
Chemistry,	Forsyth, Samuel, B.A.
Natural History,	Wilson, John, B.A.

THIRD YEAR.

Literary Division.

Moffett, Samuel.
M'Swinney, Robert.
Killen, John.
Clancy, John.
Dickey, Conly.

Science Division.

Brooke, John.
Hughes, William.
Griffin, Thomas.
Lough, William.
Walsh, Thomas.

SECOND YEAR.

Literary Division.

Macaulay, Colman.
Maguire, Thomas M.
Gillespie, Michael.
Marshall, John.

Science Division.

Brooke, William.
Colahan, William.
Walsh, Michael.
Ward, Peter.
Gaynor, William.

FIRST YEAR.

Literary Division.

M'Donald, Charles.
Fitzpatrick, James.
Dooley, John L.
Howley, James.
Talbot, Bertram.

Science Division.

M'Ilveen, John.
Smith, Oliver.
M'Kenna, Thomas.
Colahan, Nicholas.
Lewis, Walter L.

Faculty of Law.

SENIOR SCHOLARSHIP.

Mulholland, William, B.A.

THIRD YEAR.

Atkinson, Nicholas.

SECOND YEAR.

[None.]

FIRST YEAR.

M'Donald, Francis, B.A.

Faculty of Medicine.

FOURTH YEAR.

Conway, John K.		Conolly, James.
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THIRD YEAR.

Davy, Francis A.		Sharpe, William.
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SECOND YEAR.

Saunderson, William H.		Sugars, John C.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Murphy, Michael.		Hegarty, George.

Engineering Department.

THIRD YEAR.

Lynam, William P.

SECOND YEAR.

Davy, Alfred.		Grealy, Nicholas.
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FIRST YEAR.

Nightingale, Walter H.		Chaster, Walter T.
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SESSION 1866-67.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	M'Swinney, Robert, B.A.
Modern Languages,	O'Connor, Thomas P., B.A.
Mathematics,	Foreman, Robert L., B.A.
Natural Philosophy,	Hughes, William, B.A.
Metaphysics,	M'Donald, Francis, B.A.
Chemistry,	Hoctor, William F., B.A.

THIRD YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Agnew, Samuel.	Brooke, William.
Macaulay, Colman.	Walsh, Michael.
Maguire, Thomas M.	Ward, Peter.
Gillespie, Michael.	Gaynor, William.
Marshall, John.	

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Fitzpatrick, John.	Smith, Oliver.
M'Donald, Charles. } <i>equal.</i>	Colahan, Nicholas.
Howley, James.	Fahy, Edward.
Craig, S.	M'Ilveen, John.
Dooley, John L.	Eaton, Thomas.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Drummond, Michael.	Drury, J. D.
Henry, William E.	Glover, Ralph F.
Mitchell, Robert.	M'Kinney, Saml. B. } <i>equal.</i>
Ievers, Robert.	Nealon, William.
Drury, R. L.	Duncan, James.

Faculty of Law.

FIRST YEAR.

M'Farlane, Robert.

Faculty of Medicine.

FOURTH YEAR.

Kearney, Ambrose.		Clayton, Nicholas.
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THIRD YEAR.

Saunderson, William C.		Sugars, John C.
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SECOND YEAR.

M'Donnell, James O.		O'Brien, Daniel.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Pye, Joseph P.		M'Swinney, George.

Engineering Department.

THIRD YEAR.

M'Kinney, Hugh.

SECOND YEAR.

Nightingale, Walter H.		Oram, John E.
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FIRST YEAR.

Concannon, Patrick.		Glover, Ralph S.
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SESSION 1867-68.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages,	Marshall, J., B.A.
Modern Languages and Modern History,	M'Donald, Francis, B.A.
Natural Philosophy,	Brooke, William, B.A.
Chemistry,	Walsh, Michael, B.A.
Natural History,	Gillespie, Michael, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.
 Fitzpatrick, John.
 M'Donald, Charles.
 Howley, James.
 Craig, Samuel.
 Dooley, John L.

Science Division.
 Huey, J.
 Colahan, Nicholas.
 Fahy, Edward.
 M'Ilveen, John.
 Eaton, Thomas.

SECOND YEAR.

Literary Division.
 Drummond, Michael.
 Henry, William E.
 Ievers, Robert W.
 * Drury, Richard J.
 Talbot, Bertram.

Science Division.
 Drury, Richard J.
 Glover, Ralph F.
 M'Kinney, Samuel B.
 Lewis, Walter L.
 Matthews, William.

FIRST YEAR.

Literary Division.
 Thompson, David.
 Hart, Raphael.
 Foreman, William J.
 Clarke, John J.

Science Division.
 Harrison, John H.
 Moran, John.
 * Clarke, John J.
 * Thompson, David.
 Patterson, William.
 O'Connor, P. P.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

M'Donald, Francis, B.A.

SECOND YEAR.

M'Swinney, R., B.A.

FIRST YEAR.

Maguire, T. M., B.A.

* Ineligible, having obtained Scholarship in other division.

Faculty of Medicine.

FOURTH YEAR.

Saunderson, William H. | M'Auliffe, T. B.

THIRD YEAR.

M'Donnell, J. O. | O'Brien, D.

SECOND YEAR.

Pye, Joseph P. | Torrens, James.

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Simpson, William.		Hegarty, John.

Engineering Department.

THIRD YEAR.

Nightingale, Walter.

SECOND YEAR.

Glover, Ralph S. | Townsend, Thomas A.

FIRST YEAR.

Falkiner, George A. | Stratford, John.

SESSION 1868-69.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	M'Donald, Charles, B.A.
Modern Languages,	Gillespie, M., B.A.
Metaphysics and Political Economy,	Eaton, T., B.A.
Mathematics,	Brooke, William, B.A.
Natural Philosophy,	Walsh, Michael, B.A.
Chemistry,	Huey, J., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.*

<i>Literary Division.</i>	<i>Science Division.</i>
Mitchell, Robert,	Harrison, J.
Thompson, David.	Concannon, Patrick.
Foreman, William.	Moran, John.
	Patterson, William.
	O'Connor, Peter P.
	Clarke, John J.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Shiel, John R.	Croke, John O'B.
Warren, W. M.	Anderson, Adam.
Cullin, Henry.	Mullally, Michael.
Moorhead, James.	Somerville, Richard N.
Milward, William H.	† Moorhead, James.
	† Milward, George R.

Faculty of Law.

SENIOR SCHOLARSHIP.

M'Donald, Francis, M.A.

THIRD YEAR.

M'Swinney, R., M.A.

SECOND YEAR.

Maguire, Thomas M., B.A.

FIRST YEAR.

Mulligan, J.

* It is unnecessary to record from henceforth the Scholarships of the Third year as those awarded for the *Second year* in both Divisions, are tenable for two years.

† Ineligible, having obtained Literary Scholarship.

Faculty of Medicine.

	FOURTH YEAR.	
O'Brien, D.	|	M'Donnell, J. O.
	THIRD YEAR.	
Pye, Joseph P.	|	Colahan, William
	SECOND YEAR.	
Blood, Robert.	|	Simpson, W.
	FIRST YEAR.	
<i>Literary Division.</i>	|	<i>Science Division.</i>
[None.]		Clements, R.

Engineering Department.

	THIRD YEAR.	
	Glover, R. F.	
	SECOND YEAR.	
Falkiner, George A.	|	Stratford, John.
	FIRST YEAR.	
	} <i>equal.</i>	
Holmes, R. F.		
Kain, Thomas.		

SESSION 1869-70.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Classics,	Henry, William E., B.A.
Mathematics,	Glover, Ralph F., B.A.
Natural Philosophy,	Lewis, Walter L., B.A.
Metaphysics and Political Economy,	Mulligan, J., B.A.
Chemistry,	Griffin, T., B.A.
Modern Languages,	Rentoul, J., B.A.
Natural History,	*O'Donnell, Charles J., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Cullin, Henry.	Croke, John O'B.
Moorhead, James.	Anderson, Adam.
Shiel, Joseph R.	Mullally, Michael.
Warren, William C.	Somerville, Richard N.
O'Shaughnessy, John F.	Milward, George R.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Maxwell, W. H.	Freyer, Peter J.
Lynam, James.	Gorham, James J.
O'Callaghan, Matthew L.	†Lynam, James.
O'Neill, Peter.	Bourke, Palmer A.
Byrne, Nicholas.	M'Loughlin, James.
	Joyce, Patrick.

Faculty of Law.

SENIOR SCHOLARSHIP.

M'Swinney, Robert, M.A.

THIRD YEAR.

Maguire, Thomas M., B.A.

SECOND YEAR.

Dooley, John L.

FIRST YEAR.

Todd, Robert H.

* Previously M'Donald.

† Ineligible, having obtained Literary Scholarship.

Faculty of Medicine.

FOURTH YEAR.

Colahan, William. | Pye, Joseph P.

THIRD YEAR.

Walsh, Michael. | Colahan, Nicholas.

SECOND YEAR.

Melville, Andrew S. | Brooke, William.

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Barker, Christopher F.	|	White, Michael.

Engineering Department.

THIRD YEAR.

Falkiner, George A.

SECOND YEAR.

Quinton, John H. | Holmes, Robert F.

FIRST YEAR.

Lynam, Patrick. | Templeton, John W.

SESSION 1870-71.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages,	Mulligan, J., B.A.
Modern Languages and History,	Moran, John, B.A.
Mathematics,	Harrison, John, B.A.
Natural Philosophy,	Glover, Ralph F., B.A.
Metaphysical and Economic Science,	Todd, Robert H., B.A.
Chemistry,	Lewis, Walter L., B.A.
Natural History,	Brooke, William, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Lynam, J.	Freyer, Peter J.
Maxwell, W. H.	*Lynam, J.
O'Neill, Peter.	Gorham, James J.
	Joyce, Patrick.
	Ellison, James.
	Megarry, James.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
† Adams, David O.	† Adams, David O. } <i>equal.</i>
Milward, Edward O.	Gordon, John. }
M'Namara, J. W.	Hickman, James. }
Molony, Henry.	Moylan, Michael J. }
Dill, J.	Connolly, W. E. S. }

Faculty of Law.

SENIOR SCHOLARSHIP.

Maguire, Thomas, B.A.

THIRD YEAR.

Drummond, Michael.

SECOND YEAR.

Rentoul, James A., B.A.

FIRST YEAR.

Concannon, Patrick.

* Ineligible, having obtained Literary Scholarship.

† Having obtained *First* Scholarship in both divisions, retains both Scholarships.

Faculty of Medicine.

FOURTH YEAR.		
Colahan, Nicholas.	|	Fleming, William.
THIRD YEAR.		
Holland, John.	|	Gillespie, Michael.
SECOND YEAR.		
White, Michael.	|	Morris, John J.
FIRST YEAR.		
<i>Literary Division.</i>	|	<i>Science Division.</i>
Warren, John M.	|	Leitch, Josias.

Engineering Department.

THIRD YEAR.		
Darcy, William E.		
SECOND YEAR.		
Lynam, Patrick.	|	Kain, Thomas.
FIRST YEAR.		
Prendergast, Patrick J.	|	M'Auliffe, J.

SESSION 1871-72.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c., ..	Moorhead, James, B.A.
Modern Languages and Modern History,	Mullally, Michael, B.A.
Mathematics,	Concannon, Patrick, B.A.
Natural Philosophy,	Harrison, John H., B.A.
Metaphysical and Economic Science, ..	Moran, John, B.A.
Chemistry,	Brooke, William, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
* Adams, David O.	* Adams, David O.
Milward, Edwin O.	Gordon, John. } <i>equal.</i>
M'Namara, John W.	Hickman, James. } <i>equal.</i>
Molony, Henry.	Monroe, Samuel H. } <i>equal.</i>
M'Mordie, Elijah.	Moylan, Michael J. }

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Connor, George.	O'Kinealy, Peter.
M'Namara, Joseph C.	Dundee, Isaac C.
Mullin, James.	Wallace, Hugh.
Ambrose, Robert.	Kelly, Michael.
Molony, John.	Hallowell, James.

Faculty of Law.

SENIOR SCHOLARSHIP.

Mulligan, James, M.A.

THIRD YEAR.

Rentoul, James A., B.A.

SECOND YEAR.

Shiel, Joseph R.

FIRST YEAR.

O'Neill, George F., M.A.

* Having obtained *First Place* in both divisions, retains both Scholarships.

Faculty of Medicine.

	FOURTH YEAR.	
Holland, John J.	|	Gillespie, Michael J., B.A.
	THIRD YEAR.	
White, Michael.	|	Morris, John J.
	SECOND YEAR.	
Maguire, Daniel.	|	O'Connor, Peter F., B.A.
	FIRST YEAR.	
<i>Literary Division.</i>	|	<i>Science Division.</i>
O'Connor, Patrick.	|	Lynham, John Isaac.

Engineering Department.

THIRD YEAR.
Lynam, Patrick.
SECOND YEAR.
Prendergast, Patrick J.
FIRST YEAR.
Kerin, John.

SESSION 1872-73.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c., ..	Maxwell, Wm. H., B.A.
Mathematics,	Mullally, Michael, B.A.
Natural Philosophy,	Concannon, Patrick, B.A.
Metaphysical and Economic Science,	Shiel, Joseph R., B.A.
Chemistry,	Freyer, Peter J., B.A.
Natural History,	Walsh, Michael, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Connor, George.	O'Kinealy, Peter.
M'Namara, Joseph C.	Fisher, John M.
Mullin, James.	Kelly, Michael.
Molony, John.	Dundee, Isaac C.
Watters, William.	Parker, John William.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Geoghegan, Joseph.	Shore, Robert.
M'Millan, John.	Kelly, William. } <i>equal.</i>
Lavertine, Charles.	Lewis, John P. }
M'Namara, William.	Glassford, Charles O.
Wilson, Samuel.	Goudy, James.

Faculty of Law.

SENIOR SCHOLARSHIP.

Rentoul, James A., B.A.

THIRD YEAR.

O'Neill, Peter, B.A.

SECOND YEAR.

Moran, John, B.A.

FIRST YEAR.

Hanna, James.

Faculty of Medicine.

FOURTH YEAR.	
White, Michael.	| Macauley, Roger.
THIRD YEAR.	
Maguire, Daniel.	| Dempsey, Alexander.
SECOND YEAR.	
Lynham, John I.	| Quirk, Martin.
FIRST YEAR.	
<i>Literary Division.</i>	| <i>Science Division.</i>
Hallowell, James.	| Sheedy, John.

Engineering Department.

THIRD YEAR.	
Prendergast, Patrick J.	
SECOND YEAR.	
Woods, Richard.	
FIRST YEAR.	
FitzGerald, Henry.	

SESSION 1873-74.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c., ..	Milward, E. O., B.A.
Modern Languages and History, ..	Adams, David O., B.A.
Mathematics,	Gordon, John, B.A.
Natural Philosophy,	Freyer, Peter J., B.A.
Metaphysical and Economic Science,	Concannon, Patrick, B.A.
Chemistry,	Gorham, James J., B.A.
Natural History,	Joyce, Patrick, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Lavertine, Charles.	Shore, Robert.
Wilson, Samuel L.	M'Auliffe, Daniel.
Love, George C.	Goudy, James.
M'Millan, John.	Fisher, Joseph R.
M'Namara, William.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Molohan, John P.	M'Master, James.
Kerr, Æneas.	M'Dermott, Cornelius.
Farrelly, Michael J.	Constable, Samuel. } equal.
Minniken, John.	Corry, Patrick. }
Dripps, James T.	Horan, Timothy.

Faculty of Law.

SENIOR SCHOLARSHIP.

Mullally, Michael, B.A.

THIRD YEAR.

Shiel, Joseph R., B.A.

SECOND YEAR.

O'Kinealy, Peter, B.A.

FIRST YEAR.

Greenfield, John K.

Faculty of Medicine.

FOURTH YEAR.

Freyer, Peter J., B.A.		Maguire, Daniel.
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THIRD YEAR.

Lynham, John I.		O'Sullivan, Patrick J.
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SECOND YEAR.

Stokes, William.		M'Affee, William.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
[None.]		Eakins, George R.
		Delahunt, James J.

Engineering Department.

THIRD YEAR.

Woods, Richard.

SECOND YEAR.

Mahon, Thomas.

FIRST YEAR.

Davern, John P.

SESSION 1874-75.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and Modern History,	Mullin, James, B.A.
Mathematics,	O'Kinealy, Peter, B.A.
Natural Philosophy,	Kelly, Michael, B.A.
Chemistry,	Molony, John S., B.A.
Natural History,	Milward, E. O., B.A.
Metaphysical and Economic Science, ..	Hanna, James, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Kerr, Æneas.	M'Master, James.
Farrelly, Michael J.	Constable, Samuel.
Todd, Andrew.	Smith, John.
Megaw, Robert T.	Lewis, John P.
	M'Dermott, Cornelius.
	Morris, Richard H.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
* Henry, Augustine.	* Henry, Augustine.
Hunter, Charles W.	Waterworth, Hugh.
Anderson, J. Ringland.	Sheedy, Thomas. } <i>equal.</i>
Geoghegan, Alfred.	Henderson, Thos. }
	Hackett, Robert I. D.
	Gorham, John.

Faculty of Law.

SENIOR SCHOLARSHIP.

Shiel, Joseph R., M.A.

THIRD YEAR.

Gordon, John, B.A.

SECOND YEAR.

Greenfield, John K.

FIRST YEAR.

[None.]

* Having won *First Place* in both divisions, retains both Scholarships.

Faculty of Medicine.

FOURTH YEAR.

Lynham, John Isaac. | O'Sullivan, Patrick J.

THIRD YEAR.

Beattie, Robert. | Stokes, William.

SECOND YEAR.

Love, Robert L. | Delahunt, James J.

FIRST YEAR.

Literary Division. | *Science Division.*
M'Kinlay, John. | Young, William J.

Engineering Department.

THIRD YEAR.

Fisher, John M.

SECOND YEAR.

Davern, John P. | Glassford, Charles O.

FIRST YEAR.

Barker, Alexander A. | Condon, Daniel.

SESSION, 1875-76.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages, &c., ..	O'Connor, George, M.A.
Modern Languages and Modern History,	Lavertine, Charles E., B.A.
Mathematics,	Kelly, Michael, B.A.
Natural Philosophy,	Shore, Robert, B.A.
Metaphysical and Economic Science, ..	Gordon, John, B.A.
Chemistry,	M'Namara, John W., B.A.
Natural History,	M'Namara, William, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Hunter, Charles W.	Waterworth, Hugh.
Henry, Augustine.	Henderson, Thomas.
Condon, William O.	Hackett, Robert I. D.
	James, Arthur.
	Gorham, John.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Dodds, Robert.	Henderson, John.
Thompson, George.	Sullivan, John.
Hume, George A.	Gahan, Garner.
Campbell, James A.	Andrews, James.
Watters, Francis O.	

Faculty of Law.

SENIOR SCHOLARSHIP.

O'Kinealy, Peter, M.A., LL.B.

THIRD YEAR.

[None.]

SECOND YEAR.

[None.]

FIRST YEAR.

Card, Thomas D., B.A.

Faculty of Medicine.

	FOURTH YEAR.	
Allen, William.	|	O'Connor, Patrick.
	THIRD YEAR.	
Mitchell, Robert.	|	O'Brien, Thomas M.
	SECOND YEAR.	
Riordan, Daniel.	|	M'Kinlay, John.
	FIRST YEAR.	
	<i>Science Division.</i>	
Martin, Hugh H.	|	Smith, John.

Engineering Department.

	THIRD YEAR.	
	Malony, John S., B.A.	
	SECOND YEAR.	
Barker, Alexander A.	|	Condon, Daniel.
	FIRST YEAR.	
Gahan, Michael.	|	Lynam, Edward W.

SESSION 1876-77.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and Modern History,	M'Namara, Joseph C., B.A.
Mathematics,	Shore, Robert, B.A.
Natural Philosophy,	Hickman, James, B.A.
Metaphysical and Economic Science, ..	McGranahan, William, B.A.
Chemistry,	M'Namara, William, B.A.
Greek and Latin Languages, &c., ..	Farrelly, Michael J., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Dodds, Robert.	Sullivan, John.
Hume, George A.	Henderson, John.
Anderson, Joseph R.	Gahan, Garner.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Brown, John I.	Anderson, Alexander.
Shine, Eugene.	Brown, William.
Gleeson, Edward H.	Moreland, Robert.
Nolan, Herbert, w.B.	Vance, Robert.
Hanly, John Joseph.	Moorhead, John R.

Faculty of Law.

SENIOR SCHOLARSHIP.

Gordon, John, B.A.

THIRD YEAR.

[None.]

SECOND YEAR.

Card, Thomas D., B.A.

FIRST YEAR.

Todd, Andrew, B.A.

Faculty of Medicine.

FOURTH YEAR.

Mitchell, Robert.		Delahunt, James J
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THIRD YEAR.

M'Kinlay, John.	} equal.
Riordan, Daniel.	

SECOND YEAR.

Martin, John.		O'Malley, David J.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Sheridan, Thomas M.		Elliott, John H.

Engineering Department.

THIRD YEAR.

Barker, Alexander A.

SECOND YEAR.

Lynam, Edward W.		Gahan, Michael.
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FIRST YEAR.

M'Elrea, William.

SESSION 1877-78.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and History, ..	Todd, Andrew, B.A.
Natural Philosophy,	Henry, Augustine, B.A.
Metaphysical and Economic Science,	Henderson, Thomas, B.A.
Chemistry,	Shore, Robert, M.A.
Natural History,	Hackett, Robert I. D., B.A.
Greek and Latin Languages, ..	Kerr, Æneas, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Scholarships.

Brown, John I.
 Gleeson, Edward J. H.
 Shine, Eugene.
 Hanly, John Joseph.

Science Scholarships.

Vance, Robert.
 Brown, William.
 M'Dowell, Thomas H.
 Andrews, James.

FIRST YEAR.

Literary Division.

Jackson, William J.
 Morton, John H.
 Gillespie, James J.
 Bain, John A.
 Smyth, Thomas C.

Science Division.

Lowe, William J.
 Eagar, Francis S.
 Clarke, Samuel B.
 Talbot, Thomas J.
 * Jackson, William J.
 Mapother, Dillon E.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

FIRST YEAR.

England, William G.

* Ineligible, having obtained Scholarship in other division.

Faculty of Medicine.

FOURTH YEAR.

M'Kinlay, John.		O'Riordan, Daniel.
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THIRD YEAR.

Reynolds, Thomas T.		Martin, John.
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SECOND YEAR.

O'Shaughnessy, Francis H.		Mullin, John F. L.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Jackson, Joseph.		Freyer, Samuel.

Engineering Department.

THIRD YEAR.

Lynam, Edward W.

SECOND YEAR.

M'Elrea, William.		Roseingrave, Thomas W.
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FIRST YEAR.

Flatley, William P.		Horneck, Samuel.
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SESSION, 1878-79.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and History, ..	Fisher, Joseph, B.A.
Natural Philosophy,	Henderson, John, B.A.
Metaphysical and Economic Science,	Hume, George A., B.A.
Chemistry,	Gahan, Garner, B.A.
Natural History,	Henry, Augustine, B.A.
Greek and Latin Languages, ..	Dodds, Robert, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Jackson, William J.	Lowe, William J.
Gillespie, James J.	Anderson, Alexander.
Morton, John H.	Clarke, Samuel B.
Munro, William H.	Talbot, Thomas J.
Bain, John A.	Moorhead, John R.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Kirker, Hugh F.	Patterson, Samuel.
M'Laren, James B.	Rowney, George A. H.
Miller, William J.	Blackall, Patrick.
Morrow, Henry W.	Gahan, Charles J.
O'Sullivan, Patrick.	Card, William.

Faculty of Law.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Todd, Andrew, B.A.

SECOND YEAR.

England, William G.

FIRST YEAR.

Donnell, William, B.A.

Faculty of Medicine.

FOURTH YEAR.

White, Sinclair. | Cochrane, Robert.

THIRD YEAR.

M'Loughlin, Francis. | Pritchard, Thomas.

SECOND YEAR.

Gibson, William W. | Fisher, Walter M.

FIRST YEAR.

Literary Division.

Copithorne, James G. | Farrelly, Thomas.

Engineering Department.

THIRD YEAR.

M'Elrea, William.

SECOND YEAR.

Hackett, Edmond A. | Flatley, William P.

FIRST YEAR.

Mac Namara, Robert J.

SESSION 1879-80.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Modern Languages and Modern History,	Campbell, James A., B.A.
Mathematics,	Vance, Robert, B.A.
Natural Philosophy,	Brown, William, B.A.
Metaphysical and Economic Science, ..	Currie, William S., B.A.
Natural History,	M'Farlane, Hugh, M.A.
Greek and Latin Languages and History,	Brown, John I., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

M'Laren, James B.
 Millar, William J.
 Kirker, Hugh F.
 M'Donagh, Redmond.
 Molloy, Mark.

Science Division.

Patterson, Samuel.
 Gahan, Charles J.
 Foy, Alexander R.
 M'Neill, David.
 Rowney, George A. H.

FIRST YEAR.

Literary Division.

Shute, Charles C.
 Newell, Peter.
 M'Keague, Thomas M.
 Watters, John.

Science Division.

Carroll, H.
 Buckley, Thomas.
 MacMillan, Robert.
 Gillespie, Alexander P.
 Freyer, John.
 M'Dermott, James.

Faculty of Law.

SENIOR SCHOLARSHIP.

Todd, Andrew, LL.B.

THIRD YEAR.

Hume, George A., M.A.

SECOND YEAR.

Donnell, William, B.A.

FIRST YEAR.

Brown, James.

Faculty of Medicine.

FOURTH YEAR.

M'Laughlin, Francis. | Shore, Robert, M.A.

THIRD YEAR.

Gibson, William W. | O'Connell, David V.

SECOND YEAR.

Wise, Charles H. | Mitchell, William J.

FIRST YEAR.

Literary Division. | *Science Division.*
Clarke, Joseph J. | Thompson, William H.

Engineering Department.

THIRD YEAR.

Hackett, Edward A.

FIRST YEAR.

Hardy, Earle A. | Long, James S. L.

SESSION 1880-81.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages,	Jackson, William J., B.A.
Modern Languages and Modern History, ..	Bain, John A., B.A.
Mathematics,	Lowe, William J., B.A.
Natural Philosophy,	Anderson, Alexander, M.A.
Metaphysical and Economic Science, ..	Brown, John I., B.A.
Chemistry,	Clarke, Samuel B., B.A.
Natural History,	Munro, William H., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Newell, Peter.	Buckley, Thomas.
Moody, John.	M'Dermott, James.
Keating, William H.	Card, William.
	M'Granahan, James.
	Freyer, John.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Maxwell, Sydney L.	Fryar, Samuel.
Hamilton, William.	Kane, Hugh.
Shannon, Owen J.	Morton, David.
*Fryar, Samuel.	M'Cune, Thomas.
Hogg, Thomas S.	Stewart, John.
	Waugh, Hugh.

Faculty of Law.

SENIOR SCHOLARSHIP.

Hume, George A., M.A.

THIRD YEAR.

Donnell, William, B.A.

SECOND YEAR.

Brown, James.

FIRST YEAR.

[None.]

* Ineligible, having obtained Scholarship in other division.

Faculty of Medicine.

FOURTH YEAR.

Gibson, William W.		O'Connell, David V.
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THIRD YEAR.

Mitchell, William J.		O'Gorman, Patrick.
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SECOND YEAR.

Thompson, William H.		M'Glynn, John.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Lennan, Vincent F.		Bartley, William.

Engineering Department.

THIRD YEAR.

[None.]

SECOND YEAR.

Hardy, Earle A.		Thompson, William J.
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FIRST YEAR.

Binns, Henry.

SESSION 1881-82.

Faculty of Arts.
SENIOR SCHOLARSHIPS.

Greek and Latin Languages and History, ..	M'Laren, James B., B.A.
Modern Languages and History,	Jackson, William J., B.A.
Mathematics,	Anderson, Alexander, M.A.
Natural Philosophy,	Vance, Robert, M.A.
Metaphysical and Economic Science, ..	Millar, William J., B.A.
Chemistry,	Buchanan, Andrew, B.A.
Natural History,	Hanly, John Joseph, B.A.

JUNIOR SCHOLARSHIPS.**SECOND YEAR.**

<i>Literary Division.</i>	<i>Science Division.</i>
Shannon, Owen J.	Morton, David.
Thompson, James.	Fryar, Samuel.
Hamilton, Walter M.	M'Cune, Thomas H.
Hogg, Thomas S.	Mahon, William.
Maxwell, Sydney L.	Kelly, Michael O.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Evans, Isaac R.	Card, David.
M'Elwee, John.	Finucane, Thomas E.
Laing, John.	Frame, Arthur.
M'Farland, Andrew.	Gillespie, George.
Moody, William.	Atkinson, Hugh L.

Faculty of Law.
SENIOR SCHOLARSHIP.

Farrelly, Michael J., B.A.

FIRST YEAR.

Nelson, Thomas E., M.A.

Faculty of Medicine.

FOURTH YEAR.

Mitchell, William J. | O'Gorman, Patrick.

THIRD YEAR.

Thompson, William H. | Henderson, Robert W.

SECOND YEAR.

Bartley, William. | Munro, William H., B.A.

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Wade, Hugh E.	|	Condon, Richard T.

Engineering Department.

THIRD YEAR.

Thompson, William J.

SECOND YEAR.

Binns, Henry.

FIRST YEAR.

Lynam, Francis J.

SESSION 1882-83.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Natural Philosophy,	Patterson, Samuel, B.A.
Metaphysical and Economic Science,	Jackson, William J., M.A.
Chemistry,	Semple, Samuel, M.A.
Natural History,	Gahan, Charles J., M.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Evans, Isaac R.		Gillespie, George.
M'Elwee, John.		Finucane, Thomas E.
M'Coy, Daniel.		Carroll, Henry.
Gannon, William C.		M'Elney, Robert.
Davison, Robert H.		Frame, Arthur.

FIRST YEAR.

<i>Literary Division.</i>	|	<i>Science Division.</i>
Clarke, William A.		Martin, John.
M'Nulty, Thomas.		Humphreys, John.
M'Afee, Alexander.		Hopkins, Samuel.
Jordan, Michael J.		Oldham, Thomas C. H.
Gregg, Andrew C.		Benson, Arthur T.

Faculty of Medicine.

FOURTH YEAR.

Thompson, William H.		Henderson, Robert W.
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THIRD YEAR.

Mahon, Ralph B.		MacNamara, Robert J.
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SECOND YEAR.

Jondon, Richard T.		Milligan, William.
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FIRST YEAR.

Science Division.

Noble, William.		Reynolds, James S.
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Department of Civil Engineering.

THIRD YEAR.

Rowney, George A. H., B.A.

SECOND YEAR.

Lynam, Francis J. | O'Shaughnessy, Michael M.

FIRST YEAR.

Allman, Alfred. }
Joyce, Raoul. } *equal.*

Faculty of Law.

THIRD YEAR.

Millar, William J., M.A.

SECOND YEAR.

Nelson, Thomas E.

FIRST YEAR.

M'Donagh, Redmond, B.A.

[SESSION 1883 - 84.]

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Thompson, W. H.

FOURTH YEAR.

MacNamara, Robert J. | Waters, George A.

THIRD YEAR.

Eagleton, John F.

SECOND YEAR.

Hamilton, James. | Waters, Eaton W.

FIRST YEAR.

Literary Division.

Stewart, Joseph. | M'Cormick, Edward.]

SESSION 1883-84.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Maxwell, Sydney L., B.A.
Modern Languages and Modern History, ..	Shannon, Owen J., B.A.
Mathematics,	Morton, David.
Natural Philosophy,	Fryar, Samuel.
Metaphysical and Economic Science, ..	Smith, Henry, B.A.
Chemistry,	M'Cune, Thomas H., B.A.
Natural History,	Hogg, Thomas S., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Clarke, William J.	Humphreys, John.
Benson, Arthur J.	Martin, John.
Jordan, Michael J.	Card, David.
Gregg, Andrew C.	
M'Afee, Alexander.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Dugan, Charles W.	Keers, James.
Meeke, William M'E.	Dowd, Henry L.
Loftus, Joseph J.	Cowan, Michael H.
Hession, Nicholas J. M.	Keegan, John M.
Davidson, Andrew G.	

Faculty of Law.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.	SECOND YEAR.	FIRST YEAR.
Nelson, Thomas E.	M'Donagh, Redmond.	Moorhead, John R.

Engineering Department.

THIRD YEAR.	FIRST YEAR.
O'Shaughnessy, M. M.	Thompson, Atwell.

SESSION 1884-85.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Evans, Isaac R.
Modern Languages and Modern History ..	Thompson, James, B.A.
Natural Philosophy,	M'Cune, Thomas H., B.A.
Metaphysical and Economic Science, ..	Sloane, George, B.A.
Chemistry,	M'Elney, Robert, B.A.
Natural History,	M'Elwee, John, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Davidson, Andrew G.	Henry, Moses.
Dugan, Charles W.	Cowan, Moses H.
Rusk, John.	Keegan, James M.
Hession, Nicholas J. M.	Dowd, Henry L.
Hegan, Edwin.	Keers, James M.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Kennedy, William.	M'Candless, Thomas.
M'Kee, William J.	Shore, Patrick B.
Adams, John A.	Farrington, Walter.
Cairnes, John E.	Charleton, Robert J.
Bell, James.	Thompson, Cuthbert.

Faculty of Medicine.

SCHOLARSHIPS.

FOURTH YEAR.

Mahon, Ralph B.	Eagleton, John F.
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THIRD YEAR.

Waters, Eaton W.	Hamilton, James.
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SECOND YEAR.

Stewart, Joseph.	Pierse, Gerard J.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Heaney, John H.	Foley, Thomas H.

Engineering Department.

SCHOLARSHIPS.

SECOND YEAR.

Thompson, Atwell.

FIRST YEAR.

Binns, William N.

|

Long, Samuel L.

Faculty of Law.

SCHOLARSHIPS.

THIRD YEAR.

M'Donagh, Redmond, M.A.

SECOND YEAR.

Moorhead, John R., B.A.

FIRST YEAR.

Malone, John.

SESSION 1885-86.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Clarke, William A.
Chemistry,	Gillespie, George, B.A.
Natural History,	Martin, John.
Metaphysical and Economic Science, ..	Gregg, Andrew C.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
M'Kee, William J.	Thompson, Cuthbert.
Adams, John A.	Rentoul, Gervais C.
Hilton, Hugh.	Charleton, Robert J.
Hamilton, Samuel.	Farrington, Walter.
Cairnes, John E.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Maxwell, Michael T.	Bain, Alexander.
Irwin, Albert J.	M'Kay, Francis.
Semple, Robert J.	Keers, William.
Lydon, Martin F.	Freyer, Patrick W.

Faculty of Medicine.

SCHOLARSHIPS.

FOURTH YEAR.

Waters, Eaton W.

THIRD YEAR.

Smith, Henry, B.A.	Stewart, Joseph.
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SECOND YEAR.

Eldon, Joseph.	Loftus, Joseph J.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Millea, William C.	Twomey, Michael.

Engineering Department.

SCHOLARSHIPS.

THIRD YEAR.

Thompson, Atwell.

SECOND YEAR.

Long, Samuel L.

|

Oldham, T. Charles H.

FIRST YEAR.

Moon, Robert A.

|

Hall, Thomas A.

Faculty of Law.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Moorhead, John R.

SECOND YEAR.

Smith, Henry.

FIRST YEAR.

Brown, William.

SESSION 1886-87.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Dugan, Charles W.
Modern Languages and Modern History, ..	Rusk, John, B.A.
Mathematics,	Thompson, Atwell, B.E.
Natural Philosophy,	Henry, Moses, B.A.
Metaphysical and Economic Science, ..	Humphreys, John.
Chemistry,	Keegan, James M., B.A.
Natural History,	M'Afee, Alexander, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Kennedy, William.	Bain, Alexander.
Semple, Robert J.	Millea, William C.
Irwin, Albert J.	M'Cay, Francis.
Maxwell, Michael T.	Douglas, Charles.
	Raddin, George H.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Hara, Patrick J.	Gannon, William J.
Clarke, Alexander F.	Love, Robert.
M'Askie, William J.	Bunton, Christopher L.
Gillespie, William H.	Mangan, Denis.
Donnan, William.	Bradford, Herbert A.

Faculty of Medicine.

SCHOLARSHIPS.

FOURTH YEAR.

Smith, Henry, B.A.	Stewart, Joseph.
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THIRD YEAR.

Pierse, Gerard I.	Taylor, William J.
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SECOND YEAR.

Foley, Thomas H.	Laing, George M.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Reilly, Henry W. H.	Connolly, Thomas J.

Engineering Department.

S C H O L A R S H I P S .

THIRD YEAR.

Binns, William N.

SECOND YEAR.

Finucane, Thomas E. | Hall, Thomas A.

FIRST YEAR.

Thompson, John S.

Faculty of Law.

THIRD YEAR.

Smith, Joseph, B.A.

SECOND YEAR.

Brown, William, M.A.

FIRST YEAR.

Buckley, Thomas.

SESSION 1887-88.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	M'Kee, William J., B.A.
Modern Languages and Modern History, ..	Hilton, Hugh.
Natural Philosophy,	Keegan, James M., M.A.
Metaphysical and Economic Science, ..	Davidson, Andrew G., B.A.
Chemistry,	Farrington, Walter.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Connolly, Thomas J.	Gannon, William J.
Love, Robert.	Bradford, Herbert A.
Gillespie, William H.	
O'Hara, Patrick J.	
M'Askie, William J.	
Gailey, Andrew.	
Clarke, Alexander F.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Brown, David.	Paul, John.
Lee, William.	Deans, John.
Morris, Patrick.	Harrison, Thomas J.
	Keenan, John F.
	Moran, John.
	Campbell, Henry.
	Clements, Robert W.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

Anatomy and Physiology, ..	Stewart, Joseph, M.B.
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FOURTH YEAR.

Pierce, Gerard J.		Taylor, William J.
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Faculty of Medicine—continued.

THIRD YEAR.

Steen, James R.		Eldon, Joseph.
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SECOND YEAR.

Heaney, James H.		Hamilton, Samuel.
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FIRST YEAR.

Science Division.

Clements, Joseph A.

**Engineering Department.**

THIRD YEAR.

Finucane, Thomas A.

FIRST YEAR.

Binns, Edmund T.		Goodman, Charles W.
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**Faculty of Law.**

SECOND YEAR.

Buckley, Thomas.

FIRST YEAR.

O'Keeffe, J. D.

SESSION 1888-89.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature, ..	Kennedy, William, B.A.
Mathematics,	Bain, Alexander.
Natural Philosophy,	Hall, Thomas A., B.E.
Metaphysical and Economic Science, ..	Semple, Robert J., B.A.
Chemistry,	Thompson, Cuthbert.
Natural History,	Millea, William C.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.
Brown, David.
Mangan, Denis.
Downard, Thomas.
Deans, John.

Science Division.
Paul, John.
Harrison, Thomas J.
Clements, Robert W.
Hynes, Mortimer.
O'Dea, Martin.
Moran, John.

FIRST YEAR.

Literary Division.
Mahon, John S.
Beattie, Robert A.
Boyd, James.
Hunter, Charles H.
Glendenning, James P. C.

Science Division.
Deans, William.
Bain, Philander A.
Burkitt, James.
Roe, Robert L.
Forbes, William J.

Faculty of Medicine.

FOURTH YEAR.
Stein, James R.
Eldon, Joseph.

THIRD YEAR.
Adams, John A., B.A.
Foley, Thomas H.

SECOND YEAR.
Martin, John.
Foley, Charles H.

FIRST YEAR.

Literary Division.
Campbell, Henry.

Science Division.
Robinson, James.

Engineering Department.

THIRD YEAR.
M'Cay, Francis.

FIRST YEAR.
Mahon, Arthur P. | Orpen, Richard T.

Faculty of Law.

THIRD YEAR.
Buckley, Thomas, B.A.

SECOND YEAR.
O'Connor, Francis J.

FIRST YEAR.
Jordan, Michael J., B.A.

SESSION 1889-90.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Gillespie, William H., B.A.
Modern Languages and Modern History,	O'Hara, Patrick J.
Mathematics,	M'Cay, Francis, B.A.
Metaphysical and Economic Science, ..	Gailey, Andrew, B.A.
Chemistry,	Gannon, William, B.A.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Mahon, John S.	Kane, Thomas.
Beattie, Robert A.	Burkitt, James P.
Boyd, James.	Keenan, John F.
Hunter, Charles W.	Forbes, William J.
Gilchrist, Andrew.	Deans, William.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Hara, Charles H.	M'Clelland, John.
Rooney, John W.	Bright, James.
Walker, William.	Hayes, John C.
Caldwell, John.	M'Hugh, Patrick.
Keegan, David M.	Keillor, William R.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

(In Anatomy and Physiology.)

Adams, John A., B.A.

FOURTH YEAR.

Kelly, Thomas B.	Heaney, James H.
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THIRD YEAR.

Foley, Charles H.	Costello, Michael J. B.
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SECOND YEAR.

Connolly, Thomas J.	Clements, Joseph A.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division</i>
Boyd, William.	Moran, Michael.

Engineering Department.

THIRD YEAR.

Radden, George H.

SECOND YEAR.

Mahon, Arthur P.

|

Binns, Edmund T.

FIRST YEAR.

Emerson, Thomas.

|

Stuart, William.

Faculty of Law.

THIRD YEAR.

Muldoon, John.

SECOND YEAR.

M'Connell, John K., B.A.

FIRST YEAR.

Leitch, Andrew C.

SESSION 1890-91.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Mangan, Denis, B.A.
Modern Languages and Modern History, ..	Moran, John.
Mathematics,	Paul, John, B.A.
Natural Philosophy,	Gannon, William, B.A.
Metaphysical and Economic Science, ..	Downard, Thomas, B.A.
Chemistry,	Hynes, Mortimer.
Natural History,	Connolly, Thomas J.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
O'Hara, Charles H.	M'Clelland, John A.
Keegan, David M.	Hayes, John C.
Beatty, John.	Rutledge, Andrew.
Stuart, James.	M'Cay, Daniel.
	Lundie, Joseph.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
M'Gregor, William.	Anderson, Henry.
Barniville, Richard T.	Burke, William.
Sloane, John.	Stewart, John.
M'Ilwaine, Robert.	Henry, John.
Walker, Andrew J.	Ewing, William H.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

(In Anatomy and Physiology.)

Kelly, Thomas B.

FOURTH YEAR.

Costello, Michael J. B.	Foley, Charles H.
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THIRD YEAR.

Allen, Robert.	Baile, Richard.
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SECOND YEAR.

Clements, Robert W.	M'Donnell, Edward De M.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Turkington, Humphrey.	Daly, John J.

Engineering Department.

THIRD YEAR.

Mahon, Arthur P.

SECOND YEAR.

Emerson, Thomas.

FIRST YEAR.

Brady, Thomas T.

|

Thornton, Martin.

Faculty of Law.

THIRD YEAR.

M'Connell, John K., B.A.

SECOND YEAR.

Leitch, Andrew C.

FIRST YEAR.

Couroy, John C.

SESSION 1891-92.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Ancient History,	Mahon, John S., B.A.
Modern Languages and Modern History, ..	Emerson, Thomas, B.A.
Mathematics,	Burkitt, James P., B.A.
Metaphysical and Economic Science,	Gilchrist, Andrew, B.A.
Chemistry,	Keenan, John F.
Natural History,	Downard, Thomas, B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
M'Gregor, William.	Henry, John.
Walker, William.	Ewing, William H.
M'Ilwaine, Robert.	Wilson, David.
Barniville, Richard T.	
Sloane, John.	
Rutledge, John G.	
Walker, Andrew J.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Flack, William T.	Stuart, Thomas.
Hanna, Robert K.	Montgomery, Alexander W.
Bell, William H.	Bright, John S.
Naughton, Owen.	Henry, Moses.
M'Cay, Charles.	Mallagh, Joseph.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

(In Anatomy and Physiology.)

Bunton, Christopher L., M.B.

FOURTH YEAR.

Allen, Robert.

THIRD YEAR.

Clements, Joseph A. | Hynes, Mortimer.

Faculty of Medicine—continued.

SECOND YEAR.

Carroll, William S. | Moran, Michael.

FIRST YEAR.

Literary Division. | *Science Division.*
Kirwan, James St. L. | Rooney, John W.

Engineering Department.

THIRD YEAR.

Binns, Edmund T.

SECOND YEAR.

Stewart, William. | Gallagher, Stephen G.

FIRST YEAR.

Clements, Samuel D., B.A.

Faculty of Law.

THIRD YEAR.

Leitch, A. C.

SECOND YEAR.

Conroy, J. C.

FIRST YEAR.

Macnamara, Michael A.

SESSION 1892-93.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Hunter, Charles H.
Modern Languages and Modern History,	O'Hara, Charles H.
Mathematics,	Hayes, John C., B.A.
Natural Philosophy,	M'Clelland, John A., B.A.
Metaphysical and Economic Science,	Glendenning, James P.C., B.A.
Natural History,	Clements, Robert W., B.A.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Entrican, Samuel W.	Bright, John S.
Flack, William T.	Thompson, William L.
Hanna, Robert K.	Thornton, Martin.
Scott, Frederick S.	
M'Cay, Charles.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Mills, John A.	Johnston, James.
Kernaghan, Thomas W.	Maybin, Hugh.
Neilson, Robert A.	Ryan, Hugh.
M'Elpatrick, Thomas A.	
Hewitt, Alfred G.	

Faculty of Medicine.

SENIOR SCHOLARSHIP.

(In Anatomy and Physiology.)

Connolly, Thomas J., B.A.

FOURTH YEAR.

Clements, Joseph A.	Lydon, Martin F.
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THIRD YEAR.

Downard, Thomas, B.A.	Nixon, John C.
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Faculty of Medicine—*continued.*

SECOND YEAR.

Kirwan, James St. L. | Threlfall, Richard B.

FIRST YEAR.

Literary Division.

Montgomery, Alexander W.

Science Division.

Nicholson, William.

Engineering Department.

THIRD YEAR.

M'Cay, Daniel.

SECOND YEAR.

Slade, Cecil A.

FIRST YEAR.

Vance, James W. | Howley, Richard J.

Faculty of Law.

THIRD YEAR.

Conroy, J. C.

SECOND YEAR.

Macnamara, M. A.

FIRST YEAR.

Caldwell, J.

SESSION 1893-94.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	M'Gregor, William, B.A.
Modern Languages and Modern History, ..	M'Irwaine, Robert, B.A.
Mathematics,	M'Clelland, John A., M.A.
Natural Philosophy,	Henry, John, B.A.
Metaphysical and Economic Science, ..	Curry, Samuel, B.A.
Chemistry,	Walker, Andrew J.
Natural History,	Nixon, John C., B.A.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Johnston, James.	Stuart, Thomas.
Mills, John A.	Ryan, Hugh.
Neilson, Robert.	Burke, William.
Kernaghan, Thomas W.	Maybin, Hugh.
Bell, William H.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Reid, John.	Moody, James.
Norris, Joseph.	Watt, George.
Brown, Henry.	Lyons, Frederick W.
Strain, John C.	M'Kinley, David.
Roberts, Joseph A.	Orr, William R.

Faculty of Medicine.

SENIOR SCHOLARSHIP.

(In Anatomy and Physiology.)

Allen, Robert, M.B.

FOURTH YEAR.

Downard, Thomas, B.A.

THIRD YEAR.

O'Malley, John F. | M'Manus, Michael.

SECOND YEAR.

Montgomery, Alexander W. | M'Kelvey, Thomas.

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Waters, Joseph J.	Paisley, William.

Engineering Department.

THIRD YEAR.

Walker, William.

SECOND YEAR.

Wilson, David.

|

Howley, Richard J

FIRST YEAR.

Carmichael, John S.



Faculty of Law.

THIRD YEAR.

Macnamara, Michael A.

SECOND YEAR.

Rice, James P.

FIRST YEAR.

M'Auliffe, M. J.

SESSION 1894-95.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature,	Entrican, Samuel W., B.A.
<i>Special Prize,</i>	Flack, William T., B.A.
Modern Languages and Modern History,	Hanna, Robert K., B.A.
Natural Philosophy,	Walker, William, B.A.
Metaphysical and Economic Science,	Keegan, David M., B.A.
<i>Special Prize,</i>	M'Gregor, William, M.A.
Chemistry,	Nixon, John C., B.A.
Natural History,	Montgomery, Alex. W.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Reid, John.	Carmichael, John S.
Brown, Henry.	Lyons, Frederick W.
Strain, James K.	Moody, James.
M'Lean, Robert J.	Watt, George.
Farley, Wm. J.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Hezlett, James.	Rishworth, Frank S.
Curry, David S.	Hallidy, Robert J.
Fleming, George H.	Mills, William S.
Walker, Cuthbert.	O'Dea, Simon.
Scott, Ernest F.	O'Flaherty, John F. M.

Faculty of Medicine.

FOURTH YEAR.

O'Malley, John F.	M'Manus, Michael.
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THIRD YEAR.

Henry, Moses.	Corry, John G.
Keenan, John F., B.A.	

SECOND YEAR.

Paisley, William.	Hewitt, Arthur J.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Keogh, William M.	Kearns, George C. L.

Engineering Department.

THIRD YEAR.
Wilson, David.

FIRST YEAR.
Gaston, James.

—

Faculty of Law.

SECOND YEAR.
Rutledge, John G., M.A.

FIRST YEAR.
M'Ilwaine, Robert, M.A.

—

The Blayney Exhibition.

Johnston, James.

| Mills, John A. (*proxime accessit*).

SESSION 1895-96.

Faculty of Arts.

SENIOR SCHOLARSHIPS.

Greek and Latin Languages and Literature, ..	Mills, John S.
Mathematics,	Stuart, Thomas, B.A.
Natural Philosophy,	Maybin, Hugh, B.A.
Metaphysical and Economic Science,	*Johnston, James, B.A.
Chemistry,	Ryan, Hugh, B.A.
Natural History,	Neilson, Robert A.
Special Prize,	Clarke, John Andrew.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Hezlett, James.	Rishworth, Frank S.
Watson, John.	†Hezlett, James.
Walker, Cuthbert.	Mills, William S.
Currie, David S.	Gaston, James.
Scott, Ernest F.	

FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
Booth, Samuel.	M'Lean, Andrew.
Bailey, Alexander T.	Ebbitt, Richard.
Best, Robert.	Whitton, Joseph.
O'Hara, Valentine.	

Faculty of Medicine.

SENIOR SCHOLARSHIP.

(In Anatomy and Physiology.)

Montgomery, Alexander W., B.A.

JUNIOR SCHOLARSHIPS.

FOURTH YEAR.

Carbery, Edward O'B.

SECOND YEAR.

Keogh, William M. | Kerans, Charles G. L.

FIRST YEAR.

Science Division.

Cawley, Patrick T. | Anderson, Joseph.

* Has gained an open Exhibition in Modern History at Merton Coll., Oxford.

† Ineligible, having obtained Literary Scholarship. Awarded a Special Prize.

Engineering Department.

SECOND YEAR.

Pearson, James D.

FIRST YEAR.

Fleming, George H.

Faculty of Law.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Rutledge, John G., M.A.

SECOND YEAR.

M'Gregor, William, M.A.

FIRST YEAR.

Jones, James, M.A.

The Blayney Exhibition.

In Classics.

Reid, John.

In Science.

Carmichael, John S.

GRADUATES.

Adair, James J.,	B.A. 1858; M.D. 1861.
Adams, Archibald,	M.D., M.CH. 1872.
Adams, David O.,	B.A. 1873; M.A. 1882.
<i>e</i> Adams, John A.,	B.A. 1888; M.B., B.CH., B.A.O. 1890.
<i>a</i> Agnew, Samuel,	B.A. 1868; M.D. 1871; M.A. 1882.
Allen, Alfred,	M.D. 1876.
Allen, Robert,	M.B., B.CH., B.A.O. 1893.—Demonstrator of Anatomy, Queen's College, Galway; Travelling Medical Scholar, Royal Univ. of Ireland, 1894.
<i>a</i> Allen, William,	M.D. 1877.—Demonstrator of Anatomy, Univ., Glasgow.
Ambrose, Daniel,	M.D. 1865.
Ambrose, Robert,	B.A. 1876.
<i>a</i> Anderson, Alexander,	B.A. 1880; M.A. 1881.—Late F.R.U.I., Fellow S.S. Coll. Camb., Professor of Natural Philosophy, Queen's College, Galway.
Anderson, Edward,	M.D. 1867.
<i>e</i> Anderson, Joseph R.,	B.A. 1878; M.A. 1882.
<i>c</i> Andrews, John,	M.D., M.CH. 1883.
Armstrong, Thomas M.,	M.D. 1869.
<i>e</i> Arnold, Pierce,	B.A. 1856; M.A. 1882.
<i>a</i> Atkinson, John,	B.A. 1861; M.A. 1882; LL.D. 1882; late H.M. Solicitor-General for Ireland.
Atkinson, Miles H. C.,	M.D. 1879; M.CH. 1880.
Atkinson, William,	M.D. 1879.
Atock, Arthur,	M.D. 1885; M.CH. 1886; B.A.O. 1888.
Atock, Martin H.,	M.D., M.CH. 1882; B.A.O. 1889.
Bacon, Theophilus,	M.D., M.CH. 1878.
<i>e</i> Bain, John A.,	B.A. 1880; M.A. 1882.
<i>a</i> Barker, Alexander A.,	B.E. 1877; M.E. 1882.
Barnes, L. J. J.,	M.D. 1869.
Bartley, William,	M.D., M.CH. 1884; B.A.O. 1890.
<i>a</i> Bateman, Richard C.,	B.A. 1857; M.A. 1882.
Beattie, Charles J.,	M.B., B.CH., B.A.O. 1889.
Beattie, Robert,	M.D. 1876.
Beattie, Robert A.,	B.A. 1891.
Beatty, John,	B.A. 1893.
Beatty, J. W.,	M.D. 1879.
Bell, James,	B.A. 1888.
Bell, Robert,	M.D., M.CH. 1884.

a With First Honours.

c Naval Medical Service, by competition.

e With Second Honours.

	Binns, Edmund T.,	.. ..	B.A. 1892; B.E. 1893.
<i>a</i>	Binns, Henry A.,	.. ..	B.E. 1883.
<i>d</i>	Binns, William N.,	.. ..	B.E. 1888.
<i>b</i>	Black, John G.,	.. ..	M.D. 1881; M.CH. 1882.
	Bligh, John,	.. ..	M.D., M.CH. 1865.
<i>b</i>	Blood, Robert,	.. ..	M.D., M.CH. 1871.
	Bournes, W. H.,	.. ..	M.D. 1859.
	Boycott, W. D.,	.. ..	B.A. 1883.
	Boyd, Robert J.,	.. ..	M.D., M.CH. 1886; B.A.O. 1890.
	Bradshaw, George B.,	.. ..	Dip. Agric. 1857.
	Breen, John,	.. ..	B.A. 1857.
	Breen, Michael,	.. ..	B.A. 1857; M.D. 1861.
	Bright, John S.,	.. ..	B.A. 1895.
<i>b</i>	Brodie, James F.,	.. ..	M.D. 1876.
<i>e</i>	Brooke, John,	.. ..	B.A. 1867; M.A. 1870.
<i>a</i>	Brooke, William,	.. ..	B.A. 1867; M.D. 1874; M.A. 1882.
<i>e</i>	Brown, John I.,	.. ..	B.A. 1879; M.A. 1882.
<i>a</i>	Brown, William,	.. ..	B.A. 1879; M.A. 1882; LL.B. 1887.
	Browne, Andrew,	.. ..	M.D. 1864.
	Browne, David,	.. ..	B.A. 1891; M.A. 1893.
<i>e</i>	Browne, William A.,	.. ..	B.A. 1853; M.A. 1882.
<i>e</i>	Brownlow, Thomas D.,	.. ..	M.D. 1863.
<i>c</i>	Bunton, Christopher L. W.,	.. ..	M.B., B.CH., B.A.O. 1891.—Demonstrator, Queen's Coll., Galway.
	Buchanan, L. D.,	.. ..	M.D. 1861.
	Buckley, Thomas,	.. ..	B.A. 1882; LL.B. 1889.
	Burke, Edward,	.. ..	B.E. 1870.
	Burke, John,	.. ..	B.A. 1865; M.D. 1872.
	Burke, John P.,	.. ..	M.D. 1861.
<i>b</i>	Burke, John R.,	.. ..	M.D. 1861.
<i>b</i>	Burke, Martin J.,	.. ..	B.A. 1858; M.D. 1859.
	Burke, Michael J.,	.. ..	B.A. 1863; M.D. 1867.
<i>a</i>	Burkitt, James P.,	.. ..	B.A. 1891; B.E. 1892.
<i>e</i>	Cairnes, John Edgar,	.. ..	B.A. 1887; M.A. 1889.
	Caldwell, William H.,	.. ..	M.D., M.CH. 1880.
<i>a</i>	Campbell, James A.,	.. ..	B.A. 1879; M.A. 1882.
	Card, David,	.. ..	B.A. 1887.
	Card, William,	.. ..	B.A. 1886.
	Carey, Patrick,	.. ..	B.A. 1868.
<i>b</i>	Carpenter, William,	.. ..	M.D. 1862.
	Carroll, Henry,	.. ..	B.A. 1884.
	Carroll, James,	.. ..	M.D., M.CH. 1883.
	Carroll, Richard,	.. ..	M.D. 1862.
	Carroll, William S.,	.. ..	M.B., B.CH., B.A.O. 1895.
	Charlton, Robert J.,	.. ..	B.A. 1887.
	Chestnutt, Joseph W.,	.. ..	B.A. 1860; M.D. 1865; M.A. 1882.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

d Harbour Engineer and Borough Surveyor of Galway.

e With Second Honours.

<i>e</i> Clancy, John J., ..	..	..	B.A. 1866; M.A. 1868; M.P., B.L.
<i>e</i> Clarke, Samuel B., ..	..	..	B.A. 1880; M.A. 1882.
Clarke, T. R., ..	..	..	M.D., M.CH. 1866.
Clarke, William, ..	..	..	B.A. 1859.
Clarke, William A., ..	..	..	B.A. 1886; LL.B. 1890.
Clements, Francis H., ..	..	..	M.B., B.CH., B.A.O. 1892.
Clements, Joseph A., ..	..	..	M.B., B.CH., B.A.O. 1895.
Clements, Robert W., ..	..	..	B.A. 1892; M.B., B.CH., B.A.O. 1895.
Clements, Robert, ..	..	..	M.D. 1873; L.G.B.I.
<i>b</i> Climo, W. H., ..	..	..	M.D. 1860.
Clinch, Patrick J., ..	..	..	B.E. 1882.
Coates, George J., ..	..	..	M.D. 1880.
Coates, William, ..	..	..	M.D. 1876.
<i>ce</i> Colahan, John, ..	..	..	M.D. 1857.
Colahan, Nicholas W., ..	..	..	M.D., M.CH. 1872.—Professor of Materia Medica, Queen's College, Galway.
<i>c</i> Colahan, William H. W., ..	..	..	M.D., M.CH. 1870.
<i>b</i> Comerford, Henry, ..	..	..	M.D., M.CH. 1865.
<i>a</i> Concannon, Patrick, ..	..	..	B.A. 1871; M.A. 1874.
<i>e</i> Condon, Daniel E., ..	..	..	B.E. 1879; M.E. 1882.
<i>e</i> Connolly, Thomas Joseph, ..	..	..	B.A. 1891; M.B., B.CH., B.A.O. 1893.
Conolly, James, ..	..	..	B.A. 1858; M.D. 1866.
<i>e</i> Conolly, Patrick W., ..	..	..	B.A. 1861; M.A. 1865.—Civil Service of Ceylon, Second place by competition.
Considine, P. Oswald, ..	..	..	M.D. 1878.
<i>c</i> Conway, John K., ..	..	..	M.D. 1866.
<i>a</i> Copithorne, J. G., ..	..	..	B.A. 1879; M.A. 1882.
<i>a</i> Corley, Anthony H., ..	..	..	M.D. 1863; D.Sc. <i>Honoris Causa</i> , 1882.
Costello, Michael J. B., ..	..	..	M.B., B.CH., B.A.O. 1891.
Costello, Thomas B., ..	..	..	M.D., B.CH., B.A.O. 1888.
Craig, Samuel R., ..	..	..	B.A. 1869.
Crean, Martin J., ..	..	..	M.D. 1857.
Creighton, Robert W., ..	..	..	B.E. 1883.
<i>e</i> Croke, J. O'Byrne, ..	..	..	B.A. 1871; M.A. 1874.
Crone, Alexander, ..	..	..	B.A. 1877.
Crooks, William, ..	..	..	B.A. 1865.
Crotty, Richard D., ..	..	..	B.A. 1861.—Co. Inspector, R.I.C.
Crowley, Patrick, ..	..	..	M.B., B.CH., B.A.O. 1890.
Cullin, Henry C., ..	..	..	B.A. 1871.
Cunningham, John S. A., ..	..	..	M.D. 1866.
<i>e</i> Cunningham, William, ..	..	..	B.A. 1861; M.A. 1882.
Cuppige, William B., ..	..	..	M.D. 1871.
<i>a</i> Curry, Samuel, ..	..	..	B.A. 1893.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

e With Second Honours.

<i>e</i> Davidson, Andrew G.,	..	..	B.A. 1887.
Davies, W. Naunton,	..	..	M.D., M.CH. 1870.
<i>b</i> Davis, John N.,	..	..	M.D. 1862.
Davis, John W.,	..	..	M.D. 1869.
Davis, William,	..	..	M.D., M.CH. 1874.
Davy, Alfred,	..	..	Dip. Eng. 1867; M.D. 1870; B.E. 1882.
<i>b</i> Davy, Francis A.,	..	..	M.D. 1867.
Davys, Frank,	..	..	B.A. 1858.
<i>e</i> Daxon, William,	..	..	M.D. 1862.—Resident Physician, District Asylum, Ennis.
<i>de</i> Deane, Henry,	..	..	B.A. 1865; M.A. 1882.
Deans, John,	..	..	B.A. 1890.
Deans, William,	..	..	B.A. 1891.
<i>c</i> Delmege, Alfred G.,	..	..	M.D. 1868.
<i>b</i> Delmege, J. P. De G.,	..	..	M.D. 1862.
Dempsey, Alexander,	..	..	M.D. 1874.
<i>e</i> Dick, James,	..	..	B.A. 1864; M.A. 1866.
Dick, John,	..	..	M.D. 1869.—Surgeon, Mount Ida District Hospital, Otago, New Zealand.
<i>b</i> Dickenson, Frederick F.,	..	..	M.D. 1863.
Dickey, Samuel,	..	..	M.D., M.CH. 1879.
Dickson, John D.,	..	..	M.D. 1876.
Divers, Edward,	..	..	M.D. 1860; F.R.S.—Professor of Chemistry in the Imperial University, Japan.
<i>a</i> Dobbyn, John S.,	..	..	M.D. 1875.
<i>a</i> Dodds, Robert,	..	..	B.A. 1878; M.A. 1879.
Dooley, John L.,	..	..	B.A. 1873.
Dooley, Michael S.,	..	..	B.A. 1865; Dip. Eng. 1865; M.E. 1882.—Telegraph Department, India, by competition.
Dougan, George,	..	..	M.D., M.CH. 1875.
Dowling, Jeremiah J.,	..	..	B.A. 1853; M.D. 1858.
Dowling, Patrick,	..	..	B.A. 1895.
<i>e</i> Downard, Thomas,	..	..	B.A. 1890.
Doyle, Peter John,	..	..	M.D. 1883.
<i>e</i> Drummond, Michael,	..	..	B.A. 1869; M.A. 1870.—Q.C.
Drury, Richard J.,	..	..	B.A. 1869; M.D. 1873.
<i>b</i> Drury, Robert,	..	..	M.D. 1870.
<i>e</i> Duffy, Francis,	..	..	M.D. 1864; M.CH. 1865.
<i>a</i> Duggan, Charles W.,	..	..	B.A. 1852; M.A. 1853.—Inspector of National Schools, by competition.
Duke, Alexander W.,	..	..	M.D. 1867.
Dundee, Isaac C.,	..	..	B.A. 1874; M.D. 1877; M.CH. 1878.
Dwyer, Peter J.,	..	..	M.D. 1869.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

d Engineer-in-Chief of Railways under the Government, Victoria (Australia).

e With Second Honours.

<i>a</i> Eagleton, John F.,	.. ..	M.B., 1885; M.CH. 1886.
Eaton, Richard,	.. ..	M.D. 1855.—Resident Physician, Asylum, Ballinasloe.
<i>e</i> Eaton, Thomas,	.. ..	B.A. 1868; M.A. 1871.
Edge, John D.,	.. ..	M.D. 1870.
Eldon, Joseph,	.. ..	M.B., B.CH., B.A.O. 1889.
<i>e</i> Ekin, Edward,	.. ..	B.A. 1880; M.A. 1881.
Emerson, T. G.,	.. ..	M.D. 1875.
Emerson, Thomas,	.. ..	B.A. 1891.—Civil Service of India, by competition.
England, William G.,	.. ..	B.A. 1880.
<i>e</i> Entrican, Samuel W.,	.. ..	B.A. 1894.
Evans, Isaac Rennison,	.. ..	B.A. 1885.
Evans, John,	.. ..	B.A. 1852.
<i>b</i> Evatt, George G. J. H.,	.. ..	M.D. 1863.
Evatt, Humphrey,	.. ..	B.A. 1859. — Surveyor-General, Sierra Leone.
Fairbrother, Jacob,	.. ..	M.D. 1884.
<i>a</i> Falkiner, George A.,	.. ..	B.E. 1871; M.E. 1882.
Falkiner, Richard D.,	.. ..	Dip. Eng. 1861; M.E. 1882.— Engineer, Public Works of India, by competition.
<i>e</i> Farrelly, Michael J.,	.. ..	B.A. 1876; M.A. 1882.—Formerly Member of Senate of the Royal University.
Farrelly, Thomas,	.. ..	M.D., M.CH. 1883.
Feeny, Dominick,	.. ..	B.A. 1863.
<i>b</i> Ferguson, Frederick,	.. ..	M.D. 1862.
Finnucane, Thomas E.,	.. ..	B.E. 1889.
<i>e</i> Fisher, John M.,	.. ..	B.E. 1875; M.E. 1882.
Fisher, Joseph R.,	.. ..	B.A. 1876.
Fitzgerald, Gerald H.,	.. ..	M.D. 1874.
<i>e</i> Fitzpatrick, John,	.. ..	B.A. 1868; M.A. 1869.
<i>c</i> Fitzpatrick, J. A.,	.. ..	M.D. 1865.
Fitzsimon, C. C.,	.. ..	M.D. 1875.
<i>e</i> Flack, William T.,	.. ..	B.A. 1894.
<i>a</i> Flatley, William P.,	.. ..	B.E. 1880; M.E. 1882.
Fleming, William,	.. ..	M.D. 1871.
Flood, John C.,	.. ..	M.D. 1875.
Foley, Thomas H.,	.. ..	M.B., B.CH., B.A.O. 1893.
Foley, Thomas H.,	.. ..	M.B., B.CH., B.A.O. 1890.
<i>a</i> Ford, Patrick F.,	.. ..	B.A. 1854; M.A. 1856.
Foreman, Robert L.,	.. ..	B.A. 1864.—Civil Service of India, by competition.
Forman, William J.,	.. ..	B.A. 1876.
<i>a</i> Forsyth, Samuel M. C.,	.. ..	B.A. 1865; M.A. 1882.
Forsythe, Anderson,	.. ..	B.A. 1869; M.D. 1871.
<i>e</i> Foy, Alexander R.,	.. ..	B.A. 1881; M.A. 1882.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

e With Second Honours.

<i>d</i> French, John G.,	..	..	M.D. 1870.—First Place, Indian Medical Service, by competition.
<i>a</i> Freyer, John,	..	..	B.A. 1882.
<i>d</i> Freyer, P. Johnson,	..	..	B.A. 1872; M.D. 1874; M.A. 1882.—First Place, Indian Medical Service, by competition.
Freyer, Samuel,	..	..	B.A. 1884.
<i>e</i> Gahan, Charles J.,	..	..	B.A. 1881; M.A. 1882.
Gahan, Garner,	..	..	B.A. 1878.
Gailey, Andrew,	..	..	B.A. 1889.
Gailey, John,	..	..	B.A. 1882.
<i>e</i> Gannon, William J.,	..	..	B.A. 1889; M.A. 1892.—Elected to Research Scholarship by H.M. Exhibition (1851) Commissioners; author of Paper on Copper Electrolysis, Royal Society Proceedings; Lecturer, the Owens College, Manchester.
Garry, Thomas G.,	..	..	M.D., M.CH., M.A.O. 1883.
Geoghegan, A. O.,	..	..	M.D. 1878.
Geoghegan, F. M.,	..	..	M.D. 1876.
Gibson, William W.,	..	..	M.D. 1881; M.CH. 1882.
Gilchrist, Andrew,	..	..	B.A. 1891.
<i>e</i> Gillespie, George,	..	..	B.A. 1884; M.A. 1885.
Gillespie, James J.,	..	..	B.A. 1880.
Gillespie, Michael,	..	..	B.A. 1867; M.D. 1872.
Gillespie, William H.,	..	..	B.A. 1889; M.A. 1890.
Glover, R. Francis,	..	..	B.A. 1869; M.A. 1882.
<i>a</i> Glover, R. Stephen,	..	..	B.E. 1869; M.E. 1882.
Glynn, John,	..	..	M.D. 1883.
Gordon, John,	..	..	B.A. 1873; LL.B. 1876; LL.D. 1882.—q.c.
<i>b</i> Gore, Albert A.,	..	..	M.D. 1860.
<i>c</i> Gorham, Anthony,	..	..	M.D. 1866.—Fleet-Surg. R.N.
Gorham, James J.,	..	..	B.A. 1872; M.D. 1875; M.A. 1882.
Gorham, John,	..	..	B.A. 1877.
Gormley, John,	..	..	B.A. 1861.
<i>b</i> Gormley, Joseph A.,	..	..	M.D. 1873.
<i>b</i> Gouldsbury, V. Skipton,	..	..	M.D. 1862.
Grealy, John,	..	..	B.A. 1861.
Green, Joseph J.,	..	..	B.A. 1862.
Greenfield, John K.,	..	..	B.A. 1875.
Greenway, Alfred G.,	..	..	M.D. 1870; M.CH. 1895.—House Physician, General Hospital, Birmingham.
Gregg, Andrew C.,	..	..	B.A. 1886.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Honours.

	Gregory, William J.,	.. ..	M.B., B.CH., B.A.O. 1889.
	Griffin, John,	.. ..	B.A. 1863.
<i>e</i>	Griffin, Thomas,	.. ..	B.A. 1867; M.A. 1882.
	Griffith, William,	.. ..	B.A. 1860.
<i>a</i>	Hackett, Edward A.,	.. ..	B.E. 1880; M.E. 1882.—County Surveyer of Tipperary, by com- petition.
<i>ab</i>	Hackett, Robert I. D.,	.. ..	B.A. 1877; M.D. 1880; M.A. 1882.
	Hall, Charles B.,	.. ..	M.D. 1878; M.CH. 1880.
<i>e</i>	Hall, Thomas Andrew,	.. ..	B.E. 1888; B.A. 1889.
	Hamilton, James,	.. ..	M.B., B.CH., B.A.O. 1889.
	Hamilton, James,	.. ..	M.D., M.CH. 1875.
	Hamilton, Samuel,	.. ..	B.A. 1889; M.B., B.CH., B.A.O. 1891
	Hanly, Edward,	.. ..	M.D., M.CH. 1879.
<i>e</i>	Hanly, John J.,	.. ..	B.A. 1880; M.A. 1881.
<i>e</i>	Hanna, James,	.. ..	B.A. 1874; M.A. 1876.
<i>e</i>	Hanna, Robert K.,	.. ..	B.A. 1894.
<i>b</i>	Hanrahan, James J.,	.. ..	M.D. 1864.
	Hardiman, James,	.. ..	Dip. Agric. 1853.
	Hare, Gustavus J. C.,	.. ..	B.A. 1863; M.A. 1865.
	Harkin, James C.,	.. ..	M.B., B.CH., B.A.O. 1889.
	Harper, Henry,	.. ..	M.D. 1881.
	Harrington, Denis,	.. ..	M.D. 1877.
<i>a</i>	Harrison, John H.,	.. ..	B.A. 1870; M.A. 1872.—Civil Ser- vice of India, by competition.
	Harrison, Thomas J.,	.. ..	B.A. 1892.
	Hart, James C.,	.. ..	B.A. 1858.
<i>e</i>	Haslam, George J.,	.. ..	M.D. 1880.
<i>e</i>	Hayes, John C.,	.. ..	B.A. 1892.
	Hayes, John S.,	.. ..	M.D. 1875.
	Hayes, Patrick,	.. ..	B.A., B.E. 1890.
	Heany, James H.,	.. ..	M.B., B.CH., B.A.O. 1890.
	Hegan, Edwin,	.. ..	M.B., B.CH., B.A.O. 1891.
	Hegarty, John,	.. ..	M.D., M.CH. 1872.
<i>a</i>	Henderson, John,	.. ..	B.A. 1878; M.A. 1882.
	Henderson, Robert W.,	.. ..	M.D. 1883.
	Henderson, S. D.,	.. ..	M.D. 1882.
<i>e</i>	Henderson, Thomas,	.. ..	B.A. 1877; M.A. 1882.
<i>a</i>	Henry, Augustine,	.. ..	B.A. 1877; M.A. 1878.—Consular Med. Service, China.
<i>e</i>	Henry, Joseph,	.. ..	M.B. 1874.
	Henry, John W. R.,	.. ..	B.A. 1857.
<i>e</i>	Henry, Moses,	.. ..	B.A. 1886; M.A. 1888.
<i>a</i>	Henry, William E.,	.. ..	B.A. 1869; M.A. 1870.—President, Wesleyan Coll., St. John's, N.B.
<i>a</i>	Henry, John,	.. ..	B.A. 1893; M.A. (with Special Prize) 1894; B.E. 1895.

a With First Honours.

b Army Medical Service, by competition.

e With Second Honours.

Heuston, Francis T.,	.. ..	M.CH., M.D. 1878.—Professor of Anatomy, Royal College of Surgeons in Ireland; Consult-Surgeon to the Coombe Lying-In Hospital, Dublin; Consulting Surgeon to the Cripples' Home, Bray; Surgeon to the Adelaide Hospital, Dublin; Member of the Council, Royal College of Surgeons in Ireland.
Hewitt, David W.,	.. ..	M.B., B.CH., B.A.O. 1895.
<i>b</i> Hickman, Arthur,	.. ..	M.D. 1880.
<i>a</i> Hickman, James,	.. ..	B.A. 1874; M.A. 1877.
Hickman, William,	.. ..	M.D. 1872.
<i>e</i> Hilton, Hugh,	.. ..	B.A. 1889.
<i>b</i> Hinds, William R. G.,	.. ..	M.D. 1863.
<i>e</i> Hoctor, William F.,	.. ..	B.A. 1866; M.A. 1882.
Hogg, T. Simpson,	.. ..	B.A. 1883.
Holland, John J.,	.. ..	M.D. 1872.
Holmes, Arthur P.,	.. ..	M.D. 1859.
Holmes, Robert A. K.,	.. ..	B.A. 1866; M.D. 1870; M.A. 1882.
<i>a</i> Hooper, Charles J.,	.. ..	B.A. 1855; M.A. 1856; LL.D. 1862.
Hooper, Robert,	.. ..	M.D. 1861.
Horkan, Peter Joseph,	.. ..	M.D., M.CH. 1884.
Houston, James D. C.,	.. ..	B.A. 1872.
<i>a</i> Huey, John,	.. ..	B.A. 1868; M.A. 1869.
Huggard, William R.,	.. ..	M.D. 1875; B.A. 1876; M.A. 1879.
<i>b</i> Hughes, John H.,	.. ..	M.D. 1863.
<i>e</i> Hughes, Patrick J.,	.. ..	B.A. 1853; M.A. 1882.—Consular Service of China.
<i>e</i> Hughes, William,	.. ..	B.A. 1866; M.A., M.E. 1882.—Engineer, Public Works of India, by competition.
<i>a</i> Hume, George A.,	.. ..	B.A. 1878; M.A. 1879; LL.B. 1880; LL.D. 1882.—Barrister-at-Law.
<i>a</i> Humphreys, John,	.. ..	B.A. 1890.
<i>a</i> Hunter, Charles W.,	.. ..	B.A. 1877; M.A. 1879.
Hunter, Charles,	.. ..	B.A. 1893.
<i>c</i> Hurley, Francis B.,	.. ..	B.A. 1856; M.D. 1860.
<i>e</i> Hurley, Patrick,	.. ..	B.A. 1862; M.A. 1882.—Civil Service of India, by competition.
<i>e</i> Hutchinson, James,	.. ..	M.D. 1861.
Hynes, Michael,	.. ..	Dip. Eng. 1859; B.E. 1882.
Hynes, Mortimer,	.. ..	M.B., B.CH., B.A.O. 1895.
Ievers, Robert W.,	.. ..	B.A. 1870; M.A. 1882.—Ceylon Civil Service, First Place, by competition.
Ireland, Arthur J.,	.. ..	M.D. 1861.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

e With Second Honours.

Irwin, Albert J.,	..	..	B.A. 1888.
Jackson, Burton, ..	..	..	B.A. 1858 ; M.D. 1862.
Jackson, Mark, ..	..	..	M.D. 1882.
Jackson, Joseph Brown, ..	..	..	M.D., M.CH., 1883.
<i>a</i> Jackson, William J.,	..	..	B.A. 1880 ; M.A. 1882.
James, Arthur, ..	..	..	B.A. 1879.
Jaquet, J. Lewis,	..	..	M.D. 1881.
<i>b</i> Jenings, Ulick A.,	..	..	M.D. 1865.
Jennings, Michael,	..	..	M.D., 1881 ; M.CH. 1885.
Johnson, Alexander M.,	..	..	M.D., M.CH. 1883.
Johnson, Samuel,	..	..	M.D. 1870.
Johnson, Samuel W.,	..	..	M.D. 1881.
<i>a</i> Johnston, James,	..	..	B.A. 1895.
<i>e</i> Johnston, J. Wesley,	..	..	B.A. 1854 ; M.A. 1882.
Johnston, William,	..	..	B.A. 1852 ; M.A. 1882.
Johnston, William M.,	..	..	B.A. 1866 ; M.A. 1868.
<i>e</i> Jones, James, ..	..	..	B.A. 1894 ; M.A. 1895.
<i>e</i> Jordan, Michael J.,	..	..	B.A. 1886.
Jordan, William,	..	..	B.A. 1881 ; M.A. 1882.
Joyce, Patrick K.,	..	..	B.A. 1872 ; M.B., B.CH. 1893.— Head Master, Royal School, Banagher.
<i>b</i> Joynt, Christopher,	..	..	M.D. 1855.
<i>b</i> Joynt, E. Hearne,	..	..	M.D., M.CH. 1870.
Kane, John, ..	..	..	B.A. 1866.
<i>a</i> Kane, Thomas, ..	..	..	B.A. 1891.
<i>a</i> Keane, C. M., ..	..	..	B.A. 1853 ; Dip. El. Law, 1865.
Kearney, Daniel,	..	..	B.A. 1854.
<i>e</i> Keating, William H.,	..	..	B.A. 1882 ; M.A. 1883.
<i>e</i> Keegan, David M.,	..	..	B.A. 1894.
<i>e</i> Keegan, James M.,	..	..	B.A. 1886 ; M.A. 1887 ; M.B., B.CH., B.A.O. 1890.
<i>e</i> Keenan, John F.,	..	..	B.A. 1892.
Keers, James, ..	..	..	B.A. 1886.
<i>a</i> Kelly, Michael, ..	..	..	B.A. 1874 ; M.A. 1876 ; M.D. 1882.
Kelly, P. J., ..	..	..	M.D. 1857.
Kennedy, John, ..	..	..	M.D. 1881.
<i>a</i> Kennedy, William,	..	..	B.A. 1888 ; M.A. 1890.—Univer- sity Student R.U.I., B.A. (Gold Medal in Classics), T.C.D. 1893.
Kenny, John D.,	..	..	M.D. 1884.
Keogh, Alfred H.,	..	..	M.D. 1878.
<i>e</i> Kerr, Æneas, ..	..	..	B.A. 1876 ; M.A. 1882.
<i>e</i> Killen, James B.,	..	..	B.A. 1863 ; M.A. 1868 ; LL.B. 1868. —Barrister-at-Law.
<i>a</i> Killen, John M., ..	..	..	B.A. 1866 ; M.D. 1870.
King, Ælian A., ..	..	..	B.A. 1862 ; M.A. 1882.—District Judge, Ceylon.

a With First Honours.

b Army Medical Service, by competition.

e With Second Honours.

King, William,	B.A. 1853; D.SC. <i>Honoris causa</i> , 1882.—Staff of Indian Geological Survey.
Kingston, William Y.,	M.D. 1873.
<i>e</i> Kirker, H. Fitzwalter,	B.A. 1881; M.A. 1882.
<i>e</i> Kirwan, James S. L.,	B.A. 1893.
<i>e</i> Kirwan, Robert J.,	B.E. 1893.
Knight, William J. R.,	M.D. 1881; M.CH. 1885
Lalor, James,	B.A. 1855.
Lavertine, Charles,	B.A. 1875.
Lavertine, Richard A.,	B.E. 1876.
Lawlor, J. S.,	M.D., M.CH. 1877.
Lawson, J. Henry,	M.D. 1860.—Lecturer and Surgeon, St. Mary's Hospital, London.
Leary, Joseph W.,	B.A. 1862.
Legate, George W.,	B.A. 1867; M.A. 1869.
<i>b</i> Lestrangle, Edward,	M.D. 1856.
<i>e</i> Lewis, John P.,	B.A. 1876; M.A. 1882.—Civil Service of Ceylon, by competition.
<i>a</i> Lewis, W. Llewellyn,	B.A. 1869; M.A. 1871.
Lightbody, Robert,	Dip. Eng. 1864; B.E. 1882.
<i>e</i> Livingstone, John,	M.B., M.CH., M.A.O. 1886.
Loane, Thomas,	M.D., M.CH. 1874.
Loftus, Joseph J.,	M.B., B.CH., B.A.O. 1889.
Longworth, Peter,	M.D. 1868.
Lough, William J.,	B.A. 1867.
Love, George C.,	B.A. 1876; M.A. 1877.
<i>b</i> Love, Robert L.,	B.A. 1876; M.D., M.CH. 1877.
<i>e</i> Lowe, William James,	B.A. 1880; M.A. 1881.
Lundy, Joseph,	B.A. 1892.
Lupton, Henry,	M.D. 1864; M.CH. 1866.
Lyden, Michael J.,	M.D., M.CH. 1877.
<i>de</i> Lynam, Edward W.,	B.E. 1878; M.E. 1882.
<i>a</i> Lynam, James,	B.A. 1859; M.A. 1882.
Lynam, James,	B.A. 1872; M.A. 1882.
<i>e</i> Lynam, Joseph D.,	B.A. 1881; M.A. 1882.—F.R.C.PRE. Lond.; Inspector of National Schools, Ireland, by competition (December, 1893).
<i>a</i> Lynam, Patrick,	B.E. 1872; M.E. 1882.—First Place Civil Service of Ceylon, by competition; County Surveyor of Louth, by competition.

a With First Honours.

b Army Medical Service, by competition.

d Inspector of the Board of Works (Ireland)

e With Second Honours.

Lynam, William P.,	.. ..	B.E. 1880; M.E. 1882.—Engineer of Public Works (India), by competition.
<i>a</i> Lynam, Francis J.,	.. ..	B.E. 1884.—County Surveyor of North Tyrone, by competition (Nov., 1895).
<i>a</i> Lynham, John I.,	.. ..	M.D., M.CH. 1875.—F.R.U.I.; Professor of Medicine, Queen's College, Galway.
Lyons, Robert W. S.,	.. ..	M.D. 1881.
Macartney, James,	.. ..	M.D. 1865.
<i>e</i> Macaulay, Colman P.,	.. ..	B.A. 1867; M.A. 1868.—Civil Service of India, by competition; Financial Secretary, Government of Bengal.
<i>c</i> Macauley, Charles A.,	.. ..	M.D., M.CH. 1872.
<i>e</i> Macauley, Roger,	.. ..	M.D. 1873.
<i>a</i> MacDonnell, Sir Anthony P.,	.. ..	B.A. 1864; M.A. 1873; D.LIT. <i>Honoris causa</i> .—Civil Service of India, by competition; K.C.S.I.; Member of Council of the Viceroy of India.
MacFeeters, William E.,	.. ..	M.B., M.CH. 1886.
Macnamara, John Maurice,	.. ..	B.A. 1879; M.B., M.CH. 1887
<i>ad</i> Macnamara, Robert J.,	.. ..	M.D., M.CH. 1884.
Madden, Henry M.,	.. ..	M.D. 1868; M.CH. 1870
Madden, Henry J.,	.. ..	M.D. 1865.
Madden, Thomas P.,	.. ..	M.D., M.CH. 1879.
Madill, Thomas,	.. ..	B.A. 1861; LL.B. 1878; LL.D. 1879
Maguire, Connor J. O'L.	.. ..	M.D., M.CH., M.A.O. 1882.
<i>e</i> Maguire, Edward,	.. ..	B.A. 1854; M.A. 1882.
<i>a</i> Maguire, Thomas M.,	.. ..	B.A. 1867; M.A. 1870; LL.D. 1874.
Maguire, Joseph P.,	.. ..	M.B., B.CH., B.A.O. 1895.
Maher, N. E.,	.. ..	M.D. 1866.
<i>a</i> Mahon, John S.,	.. ..	B.A. 1891; M.A. 1892; Inspector of Schools, by competition, First Place.
Mahon, Ralph B.,	.. ..	M.B., M.CH. 1885.
Mahon, William,	.. ..	B.A. 1883; M.A. 1884.
<i>a</i> Mahony, John,	.. ..	B.A. 1854; M.A. 1882.
<i>e</i> Mangan, Denis,	.. ..	B.A. 1890.
<i>a</i> Mapother, Edward D.,	.. ..	M.D. 1857.—Late Professor of Anatomy and Physiology, Royal College of Surgeons, Ireland, &c. &c.

a With First Honours.

c Naval Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Honours.

	Marks, C. F.,	M.D. 1874.
	Marks, Edward G.,	M.D. 1876.
e	Marshall, John,	B.A. 1867; M.A. 1869; M.D., M.CH. 1870.
	Martin, James H.,	B.E. 1868; M.E. 1882.—Surveyorship, Demerara.
	Martin, John,	M.D. 1879; M.CH. 1880.
	Martin, John W.,	M.D. 1868.
a b	Martin, William Thomas,	B.A. 1859; M.D. 1862; M.A. 1882.
	Maunsell, Charles A.,	M.D. 1862.
	Maxwell, Sydney L.,	B.A. 1883.
e	Maxwell, William H.,	B.A., 1872; M.A. 1874.
	May, William G.,	B.A. 1859.
a	Maybin, W.,	B.A. 1873; M.A. 1882.—Principal of Belfast Academy.
a	Maybury, Lysander,	M.D. 1878.
	Maybury, William A.,	M.D., M.CH. 1871.
	M'Afee, Alex.,	B.A. 1887.
	M'Afee, William,	M.D., M.CH. 1876.
	M'Aleer, John,	M.D., M.CH. 1885.
	M'Askie, William J.,	B.A. 1890.
	M'Auliffe, Michael,	B.A. 1860; M.A. 1882.
	M'Auliffe, T. B.,	M.D., M.CH. 1868.
	M'Bride, John B.,	B.A. 1856.
	M'Call, Robert,	B.A. 1867; M.A. 1868; LL.D. <i>Honoris causa</i> , 1882.—Q.C.
b	M'Carthy, David J.,	M.D. 1862; M.CH. 1875.
b	M'Carthy, James,	M.D. 1871.
	M'Cay, Daniel,	B.E., 1893.
a	M'Cay, Francis,	B.A. 1889; B.E. 1890.
a	M'Clelland, John A.,	B.A. 1892.—Special Prize at Degree M.A. 1893. <i>F.R.V.S. 1895</i>
b	M'Conaghey, John,	M.D. 1871.
	M'Conaghy, William,	M.D. 1869.
	M'Connell, Edward,	M.D. 1881; M.CH. 1882.
	M'Connell, T. S.,	M.D. 1881; M.CH. 1882.
	M'Cormick, John J.,	M.D. 1879; M.CH. 1882.
	M'Cormick, Henry,	M.D. 1879.
	M'Corry, Peter,	M.D. 1861.
e	M'Cosh, John,	B.A. 1876; M.A. 1881.
	M'Crea, Samuel,	M.D. 1864.
	M'Cully, William J.,	B.A. 1866.
a	M'Cune, Thomas H.,	B.A. 1883; M.A. 1884.
c	M'Dermott, B. P. Sarsfield,	B.A., M.D., M.CH. 1878.
e	M'Dermott, Cornelius,	B.A. 1878; M.A., M.D., M.CH. 1882.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

e With Second Honours.

<i>e</i> M'Dermott, Dominick, ..	..	B.A. 1853; M.A. 1882. — War Office.
<i>e</i> M'Donagh, Redmond, ..	..	B.A. 1882; M.A. 1883.
M'Donagh, Thomas F., ..	..	B.A. 1894.
<i>d</i> M'Donnell, James O'M., ..	..	M.D. 1869.
<i>c</i> M'Donnell, Joseph R., ..	..	M.D. 1881; M.CH. 1882.
M'Donnell, Mark A., ..	..	M.D., M.CH. 1876.—M.P.
M'Dowell, Thomas H., ..	..	B.A. 1879.
<i>e</i> M'Elney, Robert, ..	..	B.A. 1884; M.A. 1887.
M'Elrea, William, ..	..	B.E. 1879.
M'Elwaine, Robert, ..	..	M.D. 1883; M.CH. 1884.
<i>ce</i> M'Elwee, John, ..	..	B.A. 1884; M.B., M.CH. 1887.
M'Farland, Beattie, ..	..	M.D. 1881; M.CH. 1883.
<i>e</i> M'Farlane, Hugh, ..	..	B.A. 1878; M.A. 1879.
<i>a</i> M'Farlane, Robert A., ..	..	B.A. 1867; M.A. 1869.
M'Gennis, John, ..	..	M.B., B.CH., B.A.O. 1890.
M'Gloin, Patrick F., ..	..	M.D. 1863; M.CH. 1865.
M'Granahan, James, ..	..	B.A. 1882.
M'Granahan, William, ..	..	B.A. 1876.
<i>e</i> M'Gregor, William, ..	..	B.A. 1893; M.A. 1894.
M'Ilroy, John, ..	..	M.D. 1883.
M'Ilveen, John, ..	..	B.A. 1868.
M'Ilwaine, Robert, ..	..	B.A. 1893; M.A. 1894; LL.B. 1895.
<i>a</i> M'Kane, John, ..	..	B.A. 1860; M.A. 1862.—Late Barrington Lecturer, Professor of English Law, Queen's College, Belfast.
<i>e</i> M'Kee, William John, ..	..	B.A. 1887.
M'Kinlay, John, ..	..	M.D. 1878.
M'Kinney, Hugh G., ..	..	Dip. Eng. 1867; M.E. 1882.—Engineer, Public Works of India.
<i>e</i> M'Kinney, Samuel B. G., ..	..	B.A. 1870; M.A. 1882.
<i>a</i> M'Laren, James B., ..	..	B.A. 1881; M.A. 1882.
M'Laughlin, John, ..	..	M.D. 1880.
<i>e</i> M'Loughlin, Francis, ..	..	M.D. 1881.
<i>e</i> M'Mahon, George Y., ..	..	B.A., Dip. El. Law, 1852; M.A. 1860. — Late Professor of Modern Languages, Royal College, Mauritius.
<i>ce</i> M'Mahon, William, ..	..	M.D. 1862.
M'Manus, L. S., ..	..	M.D., M.CH. 1882.
M'Millan, Hugh, ..	..	M.D., M.CH. 1873.
M'Millan, John, ..	..	B.A. 1875.
M'Mordie, Elijah, ..	..	B.A. 1873; M.A. 1874.

a With First Honours.

c Naval Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Honours.

<i>b</i> M'Nally, C. J.,	M.D., M.CH. 1871.
<i>e</i> M'Namara, John W.,	B.A. 1873; M.D. 1879.
M'Namara, Joseph C.,	B.A. 1874.—Inspector of National Schools, by competition.
<i>d</i> M'Namara, William J.,	B.A. 1875; M.D. 1878; M.A. 1880.—Ind. Med. Serv., First Place; Demonstrator, Queen's College, Galway.
M'Neill, John R.,	M.D., M.CH. 1881.
M'Quaid, Peter J.,	M.D., M.CH. 1872.
M'Sherry, Edward H.,	M.B., M.CH., M.A.O. 1886.
M'Swinney, George H.,	M.D., M.CH. 1871.
<i>a</i> M'Swinney, Robert F.,	B.A. 1866; M.A. 1868; LL.B. 1870; LL.D. 1882.—Barrister-at-Law, First Law Studentship, Inns of Court, London, 1871.
M'Vittie, R. Blake,	M.D. 1876.
Megarry, James,	B.A. 1872.
Megaw, Robert T.,	B.A. 1877; LL.D. 1887.
Meharry, John B.,	B.A. 1868.
Millea, William C.,	B.A. 1891.
<i>e</i> Millar, William John,	B.A. 1881; M.A. 1882; LL.B. 1887.—Inspector of Constabulary, by competition.
Milligan, William,	M.B., M.A.O. 1886.
Mills, Samuel,	B.A. 1862.
<i>e</i> Milward, Edwin O.,	B.A. 1873; M.A. 1875.
Minniken, John,	B.A. 1877.
Mitchell, Andrew A.,	M.D. 1879; M.CH. 1891.
Mitchell, Campbell M.,	M.D., M.CH. 1888.
Mitchell, Charles A. P.,	M.D., M.CH., 1879.
<i>e</i> Mitchell, Robert,	B.A. 1871; M.A. 1882.
Mitchell, Robert,	M.D., M.CH. 1879.
Mitchell, Robert J.,	B.A. 1854; M.A. 1860; D. LIT. <i>Honoris causa</i> .—Late Inspector of National Schools; Inspector, Registrar General's Office, Ireland.
Mitchell, W. J.,	M.D. 1883.
Moffett, Samuel,	B.A. 1867.
<i>e</i> Molloy, Mark,	B.A. 1881; M.A., LL.B. 1882; LL.D. 1883.
Molony, Henry G.,	B.A. 1873; M.D. 1876.
Molony, John,	B.A. 1874.
<i>e</i> Molony, John S.,	B.A. 1874; B.E. 1877; M.E. 1882.
Molony, Timothy,	M.D. 1872.

a With First Honours.

b Army Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Honours.

<i>a</i> Monroe, John, .. ..	.. ..	B.A. 1857; M.A. 1859; LL.B. 1862; LL.D. 1882.—Student-ship, Inns of Court, London; Judge of High Court of Ireland.
Monroe, S. H., .. ..	.. ..	B.A. 1873; M.A. 1882.
<i>e</i> Montgomery, Alexander W., ..	.. ..	B.A. 1895.
Moody, John, .. ..	.. ..	B.A. 1882.
Moody, Samuel, .. ..	.. ..	B.A. 1863.
Moody, William, .. ..	.. ..	B.A. 1887; M.B., B.CH. 1893.
Moon, James R., .. ..	.. ..	B.E. 1870.
Moon, Robert A., .. ..	.. ..	B.E. 1890.
<i>a</i> Moore, John H., .. ..	.. ..	B.A. 1858; M.D. 1861; M.A. 1882.
Moore, William D., .. ..	.. ..	M.D., M.CH. 1880.
<i>a</i> Moorehead, William R., .. ..	.. ..	B.A. 1865; M.A. 1866; M.D. 1869.
<i>ad</i> Moorhead, James, .. ..	.. ..	B.A. 1871; M.A. 1872; M.D. 1875.—First Place Indian Medical Service, by competition.
<i>a</i> Moorhead, John R., .. ..	.. ..	B.A. 1881; LL.B. 1886.
<i>a</i> Moorehead, John, .. ..	.. ..	B.A. 1855; M.D. 1856; M.A. 1857.
<i>a</i> Moran, John, .. ..	.. ..	B.A. 1870; M.A. 1872; LL.B. 1878; LL.D. 1879.—Inspector of National Schools, by competition.
<i>e</i> Moran, John, .. ..	.. ..	B.A. 1891.
Morris, Arthur Edward, .. ..	.. ..	M.D., M.CH. 1883.
<i>d</i> Morris, John James, .. ..	.. ..	M.D. 1873; M.CH. 1874.
Morris, Michael O'K., .. ..	.. ..	B.A. 1854; M.D. 1857; M.CH. 1865.
Morrow, Henry W., .. ..	.. ..	B.A. 1881; M.A. 1882.
Morton, David, .. ..	.. ..	B.A. 1887.
Morton, John H., .. ..	.. ..	B.A. 1881.
Moylan, Michael J., .. ..	.. ..	B.A. 1873.
Moynan, Joseph, .. ..	.. ..	B.E. 1881.
Moynan, R. M., .. ..	.. ..	M.D., M.CH. 1882.
Moynan, William A., .. ..	.. ..	M.D., M.CH. 1881.
<i>b</i> Moynan, W. E. B., .. ..	.. ..	M.D. 1872.
<i>e</i> Mulholland, William, .. ..	.. ..	B.A. 1863; M.A. 1882.—Barrington Lecturer, Barrister-at-Law.
<i>a</i> Mullally, Michael, .. ..	.. ..	B.A. 1871; M.A. 1873.—Inspector of National Schools, by competition.
Mullally, William T., .. ..	.. ..	M.D., M.CH. 1880.
<i>d</i> Mullen, Douglas, .. ..	.. ..	M.D. 1872; M.CH. 1873.
<i>b</i> Mullen, Jarlath J., .. ..	.. ..	M.D. 1873.

a With First Honours.

b Army Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Class Honours.

	Mullen, St. Laurence,	M.D., M.CH. 1868.
<i>b</i>	Mullen, Thomas F.,	M.D. 1864; M.CH. 1865.
<i>a</i>	Mulligan, J.,	B.A. 1869; M.A. 1871.
<i>e</i>	Mullin, James,	B.A. 1874; M.D. 1880; M.A. 1882.
	Mullin, John F. L.,	M.D. 1880; M.CH. 1881.
<i>e</i>	Munro, William H.,	B.A. 1880; M.A. 1882; M.B., M.CH. 1885.
	Murphy, Michael E.,	M.D. 1868.
	Murray, Charles F. K.,	M.D. 1868; M.CH. 1884.
	Murray, G. Stanley,	M.D., M.CH. 1875.
<i>a</i>	Nelson, Thomas E.,	B.A. 1880; M.A. 1881; LL.B. 1884; LL.D. 1886.
	Newell, Peter,	B.A. 1882.—Inspector of Schools, by competition.
	Nicholls, John W.,	M.D. 1873.
	Nicholson, George F.,	M.D. 1875.
<i>d</i>	Nightingale, Walter H.,	B.E. 1880; M.E. 1882.
<i>ξ</i>	Nixon, John C.,	B.A. 1893; M.B., B.CH., B.A.O. 1895.
	Norris, Patrick James,	M.D. 1869.
	Norton, Bernard G.,	B.A. 1860.—Late Judge of the Superior Court, British Guiana.
	O'Brien, Daniel,	M.D., M.CH. 1869.
	O'Brien, Michael,	M.D. 1875.
	O'Brien, Thomas M.,	M.D. 1877.
<i>b</i>	O'Connell, David V.,	M.D. 1881; M.CH. 1882.
<i>a</i>	O'Connor, George,	B.A. 1874; M.A. 1875.
	O'Connor, Patrick,	M.D., M.CH. 1877.
	O'Connor, Peter F.,	B.A. 1871; M.D., M.CH. 1874.
<i>e</i>	O'Connor, Thomas P.,	B.A. 1866; M.A. 1873.—M.P.
	O'Dea, Martin,	M.B., B.CH., B.A.O., 1893.
<i>d</i>	Odling, Charles W.,	Dip. Eng. 1865; M.E. 1882.
	O'Donel, Claudius,	M.D. 1883.
	O'Donnell, Charles J.,	B.A. 1868; M.A. 1870.—Civil Service of India, by compe- tition.
<i>a</i>	O'Donnell, Francis,	B.A. 1865; M.A. 1868.—Late M.P.
<i>e</i>	O'Farrell, Thomas,	B.A. 1861; M.A. 1863; M.D. 1864.
<i>a</i>	O'Feeley, Timothy O'B.,	B.A. 1856; LL.B. 1857; LL.D. 1860.
<i>a c</i>	O'Flaherty, Thomas A.,	M.D. 1859.
	O'Gorman, Patrick,	M.D. 1882; M.CH. 1883.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

d Engineer, Public Works of India, by competition.

e With Second Class Honours.

<i>a</i> O'Hara, Charles,	Dip. Agric. 1855; B.A. 1860; M.D. 1865; M.A. 1882.
O'Hara, Robert F.,	B.A. 1873.
<i>e</i> O'Hara, Thomas,	Dip. Agric. 1852; B.A. 1860; M.A. 1882.—Inspector of National Schools, by competition.
O'Kelly, Thomas,	M.D. 1879.
<i>a</i> O'Kinealy, James,	B.A. 1858; M.A. 1882; LL.D. <i>Honoris Causa</i> .—Civil Service of India, by competition.
<i>a</i> O'Kinealy, Michael,	Dip. Eng. 1855; M.E. 1882.
<i>a</i> O'Kinealy, Peter,	B.A. 1874; M.A. 1875; LL.B. 1875; LL.D. 1882.
O'Malley, David J.,	M.D. 1881.
<i>a</i> O'Neill, George F.,	B.A. 1858; M.A. 1862.—Inspec- tor of National Schools, by com- petition.
O'Neill, Peter J.,	B.A. 1872.
<i>a</i> Oram, John E.,	B.E. 1868; M.E. 1882.—Late Prof. Univer., Windsor, Nova Scotia; Librarian and Chief Clerk Royal University of Ireland.
O'Reilly, Myles William,	M.D. 1879; M.CH. 1880.
O'Reilly, Walter W. J.,	M.D. 1870; M.CH. 1871.
<i>b</i> O'Reilly, Henry W.,	M.B., B.CH., B.A.O. 1891.
<i>e</i> O'Shaughnessy, M. M.,	B.E., 1884.
<i>b</i> O'Sullivan, Patrick J.,	M.D. 1875.
<i>c</i> O'Sullivan, Thomas,	M.D. 1869.
<i>e</i> Padin, Thomas,	B.A. 1864; M.A. 1882.
<i>b</i> Palmer, Dean P.,	M.D. 1864.
Parker, James D.,	B.A. 1854; LL.B. 1857; LL.D. 1864.
<i>d</i> Parker, Joseph,	M.D., M.CH. 1874.
Parry, Edward J.,	M.D. 1881.
Patterson, Samuel,	B.A. 1881.
<i>e</i> Paul, John,	B.A. 1890.
Peterson, Richard A.,	M.D. 1868.
Pierse, Gerard J.,	M.D., B.CH., B.A.O. 1889.
Pillow, Henry,	M.B., M. CH. 1886.
Potter, Robert,	M.D. 1862.
Powell, George H.,	M.D. 1881.
Pritchard, Thomas H.,	M.D. 1880; M.CH. 1883.
Purcell, Matthew,	M.B., M.CH. 1887.
<i>b</i> Purefoy, John W.,	M.D. 1864.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Class Honours.

Graduates.

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<i>a</i> Pye, Joseph P.,	M.D. 1871; D.Sc. <i>Honoris Causa</i> 1882.—F.R.U.I.; Professor of Anatomy and Physiology, Queen's College, Galway.
Quinn, Martin,	B.A. 1863.
Quinton, John H.,	B.A. 1871; B.E. 1872.
Quirk, Martin,	M.D. 1875.
Raddin, George H.,	B.A., B.E. 1892.
Rankin, William J.,	M.D. 1865.
<i>c</i> Rathborne, Charles A.,	M.D., M.CH. 1870.
<i>b</i> Raye, Daniel O'C.,	M.D. 1865.
Read, Richard,	M.D., M.CH. 1872.
Reade, Hector M.,	B.A. 1877.
<i>a</i> Reed, Sir Andrew,	B.A. 1859; LL.B. 1877; LL.D. 1878; M.A. 1882.—Knt. C.B.; Inspector-General, R.I.C.
<i>c</i> Reed, Matthew,	M.D., M.CH. 1870.
<i>b</i> Reid, Robert,	B.A. 1854.
<i>e</i> Reid, William Joseph,	B.A. 1861; M.A. 1882.
Reidy, Charles,	B.A. 1880.
Rentoul, Robert R.,	M.D. 1880.
<i>e</i> Rentoul, J. A.,	B.A. 1869; LL.B. 1874; LL.D. 1875.—M.P.
Reynolds, T. Taylor,	M.D., M.CH. 1879.
Richardson, John H.,	B.A. 1852.
Riordan, Daniel,	M.D. 1878.
Roe, William,	M.D. 1863.—Professor of Midwifery, Royal College of Surgeons, Ireland, late Examiner in Q. U. Ireland.
Roseingrave, Thomas W.,	B.E. 1881.
Ross, David R.,	M.D., M.CH. 1875.
Ross, J. Alexander,	M.D. 1868; M.CH. 1869.
Ross, John R.,	B.A. 1863; M.D. 1866.
Rosten, William M.,	M.D. 1874.
Roulston, Robert J.,	M.D. 1880.
Rowney, George A.,	B.A. 1882; B.E. 1883.
Rusk, John,	B.A. 1886.
Rutherford, Robert L.,	M.D. 1881; M.CH. 1882.
Rutherford, William,	M.D. 1871.
Rutledge, Andrew,	B.A. 1892.
Rutledge, John G.,	B.A. 1893; M.A. 1894.
<i>e</i> Ryan, Dominick D.,	B.A. 1852; M.A. 1882.
Ryan, John,	M.B., M.CH., M.A.O. 1885.

a With First Honours.

b Army Medical Service, by competition.

c Naval Medical Service, by competition.

e With Second Class Honours.

	Ryan, John,	B.A., B.E. 1893.
<i>a</i>	Ryan, Hugh,	B.A. 1895.
	Saunderson, James E.,	B.A. 1862 ; M.D., M.CH. 1866.
	Saunderson, Robert,	M.D. 1870.
<i>b</i>	Saunderson, William H.,	B.A. 1863 ; M.A. 1864.
	Semple, Martin,	M.B., M.CH. 1888.
<i>a</i>	Semple, Robert J.,	B.A. 1888 ; M.A. 1889, <i>Royal University Student.</i>
	Semple, Samuel,	B.A. 1881 ; M.A. 1882.
	Sexton, William,	M.B., M.CH., M.A.O. 1885.
	Shannon, Owen J.,	B.A. 1883 ; M.A. 1889.
	Shannon, Patrick J.,	M.D. 1864.
<i>a</i>	Sharkey, Edmond de la Garde,	B.A. 1863 ; M.A. 1866.—Civil Service of India, by competition.
<i>b</i>	Sharpe, William,	M.D. 1866 ; M.CH. 1868.
<i>b</i>	Shaw, John A.,	M.D. 1863.
<i>a</i>	Shiel, Joseph R.,	B.A. 1871 ; M.A. 1873 ; LL.B. 1874 ; LL.D. 1882.
	Shine, Eugene,	B.A. 1879.
<i>a d</i>	Shore, Robert,	B.A. 1875 ; M.A. 1877 ; M.D. 1880.
	Sigerson, George,	M.D. 1859 ; M.CH. 1865 —F.R. U.I., Professor of Botany and Zoology, Catholic Univ. Medical School.
	Simms, John M.,	B.A. 1879.
	Simpson, William,	M.D. 1872.
	Skilling, Thomas,	Dip. Agric. 1852.—Director of Model Farm, Royal Park, Melbourne.
	Sloane, George,	B.A. 1883.
<i>d</i>	Smith, Henry,	B.A. 1883 ; M.B., M.CH., M.A.O. 1888.
	Smith, Joseph,	B.A. 1884 ; LL.B. 1887.
<i>e</i>	Smith, J. Anderson,	B.A. 1853 ; M.A. 1882.
	Smith, Robert J.,	B.A. 1861.
	Smithwick, R. H.,	B.E. 1879.
<i>e</i>	Smylie, Archibald,	B.A. 1864 ; M.A. 1874 ; LL.B. 1877 ; LL.D. 1877.
	Smyth, John,	M.D., M.CH. 1879.
	Smyth, Thomas C.,	B.A. 1880 ; M.A. 1882.
	Smyth, William J.,	B.A. 1865 ; M.D. 1872 ; M.A. 1882.
	Somerville, Richard N.,	B.A. 1871 ; B.E. 1873.—County Surveyor, Cavan, by competition.
	Spence, J. Beveridge,	M.D. 1869.
	Spencer, William F.,	M.D. 1872.
<i>e</i>	Steen, James R.,	M.B., B.CH., B.A.O. 1890.—Travelling Medical Scholar, Royal University of Ireland, 1890.

a With First Honours.

b Army Medical Service, by competition.

d Indian Medical Service, by competition.

e With Second Honours.

Stephens, William,	..	..	M.D. 1866.
<i>a</i> Stewart, Joseph, ..	..	..	M.B., B.CH., M.A.O. 1887.—Travelling Medical Scholar, Royal University of Ireland, 1889; Demonstrator of Anatomy Queen's College, Galway.
Stewart, Robert F.,	..	..	B.A. 1861.
Stewart, W. S., ..	..	..	B.A. 1866.
Stoker, W. Thornley,	..	..	M.D. 1866.—Surgeon, Richmond Hospital; F.R.U.I.; late Prof. of Practical Anatomy, R.C.S., Ireland; President, R.C.S.I.
Stokes, William, ..	..	..	M.D. 1878; M.CH. 1880.
Stoney, Edward W.,	..	..	Dip. Eng. 1863; B.E. 1872; M.E. 1882.
Stoney, John H. L.,	..	..	M.D. 1861.—Late Surgeon, City of Dublin Hospital; late Demonstrator, Royal College of Surgeons, Dublin.
Stratford, John, ..	..	..	B.E. 1881.
Stuart, James, ..	..	..	B.A. 1895.
Stuart, Simson, ..	..	..	M.D. 1880; M.CH. 1883.
<i>a</i> Stuart, Thomas, ..	..	..	B.A. 1895.
Sugars, John C., ..	..	..	M.D. 1868.
Sullivan, John, ..	..	..	B.A. 1878.
Talbot, B. H., ..	..	..	B.A. 1869.
Tate, Davis D., ..	..	..	M.D. 1868.
Tatham, Garnett G.,	..	..	M.D. 1877.
Taylor, William J.,	..	..	M.B., B.CH., M.A.O. 1888.
Thomas, William R.,	..	..	M.D. 1875.
<i>a</i> Thompson, Atwell,	..	..	B.E. 1886; B.A. 1887.
Thompson, David,	..	..	M.A. 1871.
Thompson, George,	..	..	B.A. 1865.—Master, Doveton College, Calcutta.
Thompson, Henry G.,	..	..	M.D. 1877.
Thompson, James,	..	..	B.A. 1883.
<i>a</i> Thompson, William H.,	..	..	M.D., M.CH. 1883.—Professor of Physiology, Queen's College, Belfast.
Thomson, William,	..	..	B.A. 1867; M.D. 1872; M.A. <i>Honoris Causa</i> 1881.—Surgeon, Richmd. Hospital, Examiner, R.C.S.; Member of Senate, R.U.; and Examiner, late Queen's University, Ireland.
Thorpe, Joseph C.,	..	..	M.D. 1864.

a With First Honours.

e With Second Honours.

<i>a</i> Thynne, Henry,	B.A. 1859; LL.B. 1873; M.A. 1882; LL.D. 1882. — c.B.; Deputy Inspector-General, R.I.C.
Tierney, Daniel,	B.A. 1856; Dip. Eng. 1857; B.E. 1882.
<i>a</i> Todd, Andrew,	B.A. 1876; LL.B. 1879; M.A. 1882; LL.D. 1882.
<i>e</i> Todd, Robert H.,	B.A. 1870; M.A. 1871; LL.B. 1873; LL.D. 1875.
<i>a</i> Torrens, James,	B.A. 1866; M.A. 1867.
Torrens, James,	M.D. 1883; M.CH. 1884.
<i>e</i> Townsend, Thomas A.,	R.E. 1869; M.E. 1882.
Twigg, William,	M.D. 1862.
Vance, George,	M.B., M.CH. 1886.
<i>a</i> Vance, Robert,	B.A. 1879; M.A. 1880.
Vinrace, Felix C.,	M.D. 1881.
Wadsworth, William A.,	M.B., M.D. 1884; B.CH., M.A.O. 1888.
Walker, Andrew J.,	B.A. 1895.
Walker, William,	B.A. 1894; B.E. 1895.
Waller, Edmund W.,	Dip. Eng. 1861; B.E. 1882.
<i>e</i> Walsh, Michael,	B.A. 1867; M.D. 1873.—Demonstrator of Anatomy, Queen's College, Galway.
Ward, Peter,	B.A. 1867.
Warren, J. Monteith,	M.D. 1874.
Warren, William E.,	B.A. 1871; M.D. 1873.
Warren, William H.,	M.D. 1866.
<i>e</i> Waters, Eaton W.,	M.B., M.CH. 1886; M.A.O. 1887.
Waters, George A.,	M.D., M.CH. 1884.
Waters, Horace R.,	B.E. 1885.
<i>a</i> Waterworth, Hugh,	B.A. 1877; M.A. 1879.
Watters, Francis O. M.,	B.A. 1880; M.A. 1881.
Watters, William,	B.A. 1877; M.A. 1882; M.D., M.CH. 1883.
Watts, Walter A.,	B.A. 1856; M.A. 1857.—Late Prof. Training College, Toronto.
Wells, Charles,	M.D. 1880.
Wenyon, Charles,	M.D. 1880.
West, John D.,	B.A. 1859.
<i>a</i> West, Sir Raymond,	B.A. 1855; M.A. 1869; LL.D. <i>Honoris causa</i> , 1882.—Judge of the High Court of Bombay; Vice-Chancellor, University of Bombay; Member of the Council of the Government of Bombay.
White, James F.,	M.D. 1880.

a With First Honours.

e With Second Honours.

	White, Michael, ..	..	..	M.D., M.CH. 1873.
	White, Patrick B., ..	..	..	M.D., M.CH. 1883; M.A.O. 1885.
<i>a</i>	White, Sinclair, ..	..	..	M.D., M.CH. 1879; Lecturer on Physiology and Hygiene, Firth College, Sheffield.
<i>e</i>	White, Thomas R., ..	..	..	M.D. 1862.
	Williams, J. O'Brien, ..	..	..	M.D., M.CH. 1877.
	Williams, William, ..	..	..	M.D., M.CH. 1869.
<i>e</i>	Wilson, David, ..	..	..	B.A.; B.E. 1895.
	Wilson, James, ..	..	..	M.D. 1879.
	Wilson, John, ..	..	..	B.A. 1865; M.A. 1866.
<i>b</i>	Wilson, J. Bower, ..	..	..	M.D. 1871.
<i>e</i>	Wilson, R. B. S., ..	..	..	B.A. 1869; M.A. 1870.
<i>e</i>	Wilson, Samuel L., ..	..	..	B.A. 1875; M.A. 1876.
<i>a</i>	Wilson, Thomas N., ..	..	..	B.A. 1861; M.A. 1882.—Civil Ser- vice of India, by competition.
<i>e</i>	Wilson, William N., ..	..	..	B.A. 1865; M.A. 1866.
<i>e</i>	Winder, James, ..	..	..	B.A. 1865; M.A. 1882.
	Wise, Charles H., ..	..	..	M.D. 1882.
	Wood, George V., ..	..	..	M.D. 1866.
<i>e</i>	Wood, John E., ..	..	..	B.A. 1864; M.A. 1882.—Inspector of National Schools, by compe- tition.
<i>e</i>	Woods, Richard J., ..	..	..	B.E. 1874; M.E. 1882.—Engineer, Public Works of India, by com- petition.
<i>e</i>	Zouche, Isaiah de, ..	..	..	M.D. 1865.

DIPLOMATE IN ENGINEERING.

Stuart, William, 1893.

Howley, Richard J., 1895.

a With First Honours.

b Army Medical Service, by competition.

e With Second Honours.

HONOURS OBTAINED BY STUDENTS OF QUEEN'S
COLLEGE, GALWAY, IN THE ROYAL UNIVER-
SITY OF IRELAND DURING 1893.

Faculty of Arts.

FIRST UNIVERSITY EXAMINATION.

EXHIBITIONS.

Ryan, Hugh,	..	..	..	First Class (£30).
Johnston, James,	..	..	..	Second Class (£15).
Neilson, Robert A.,	..	..	..	Second Class (£15).

HONOURS.

Johnston, James,	..	..	..	<i>Latin</i> —Second Class.
Ryan, Hugh,	..	..	..	<i>German</i> —First Class.
Neilson, Robert A.,	..	..	..	<i>German</i> —First Class.
Johnston, James,	..	..	..	<i>English</i> —Second Class.
Ryan, Hugh,	..	..	..	<i>Experimental Physics</i> —First Class.
Johnston, James,	..	..	..	<i>Experimental Physics</i> —(Qualified).

SECOND UNIVERSITY EXAMINATION.

EXHIBITIONS.

Entrican, Samuel W.,	..	..	..	Second Class (£18).
Hanna, Robert K.,	..	..	..	Second Class (£18).

HONOURS.

Entrican, Samuel W.	..	..	..	<i>Latin</i> —Second Class.
Flack, William T.,	..	..	..	<i>Latin</i> —Second Class.
Entrican, Samuel W.,	..	..	..	<i>Greek</i> —Second Class.
Flack, William T.,	..	..	..	<i>Greek</i> —Second Class.
Hanna, Robert K.,	..	..	..	<i>French</i> —Second Class.
Hanna, Robert K.,	..	..	..	<i>English</i> —First Class.
Entrican, Samuel W.,	..	..	..	<i>English</i> —Second Class.
Wilson, David,	..	..	..	<i>Mathematical Physics</i> —First Class.
Ewing, William H.,	..	..	..	<i>Mathematical Physics</i> —Second Class.
Ewing, William H.,	..	..	..	<i>Experimental Physics</i> —Second Class.

B.A. DEGREE EXAMINATION.

EXHIBITIONS.

Henry, John,	..	..	..	First Class (£42).
* Curry, Samuel,	..	..	..	Second Class (£21).
Kirwan, James St. L.,	..	..	..	Second Class (£21).

Honours in Civil and Constitutional History, Political Economy, and General Jurisprudence.

Curry, Samuel,	First Class.
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Honours in Mathematical Physics and Experimental Physics.

Henry, John,	First Class.
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Honours in Experimental Physics and Physiology.

Kirwan, James St. L.,	Second Class.
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Honours in Biology and Physiology.

Nixon, John C.,	Second Class.
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Honours in Ancient Classics.

M'Gregor, William,	Second Class.
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M.A. DEGREE EXAMINATION.

Honours in Mathematical Physics and Experimental Physics

† M'Clelland, John A.,	First Class.
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FIRST PROFESSIONAL EXAMINATION IN ENGINEERING.

EXHIBITION.

Henry, John,	First Class (£30).
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HONOURS.

Henry, John,	First Class.
Wilson, David,	Second Class.

* Qualified by answering, disqualified on the ground of age or standing.

† Special Prize of £60.

B.E. DEGREE EXAMINATION.

EXHIBITION.

Kirwan, Robert J., B.A., Second Class (£21).

HONOURS.

Kirwan, Robert J., B.A., Second Class.

Faculty of Medicine.

FIRST EXAMINATION.

EXHIBITION.

Montgomery, Alexander W., First Class (£20).

HONOURS.

Montgomery, Alexander W., .. *Botany*—First Class.
 Corry, John E., *Botany*—First Class.
 M'Kelvey, Thomas, *Botany*—Second Class.
 Montgomery, Alexander W., .. *Experimental Physics*—First Class.

SECOND EXAMINATION IN MEDICINE.

HONOURS.

Hewitt, David W., Second Class.

M.B., B.Ch., M.A.O.

Joyce, Patrick K., B.A., Upper Pass.

HONOURS OBTAINED BY STUDENTS OF QUEEN'S
COLLEGE, GALWAY, IN THE ROYAL UNIVER-
SITY OF IRELAND DURING 1894.

Faculty of Arts.

FIRST UNIVERSITY EXAMINATION.

EXHIBITIONS.

Reid, John,	..	..	..	First Class (£30).
Watt, George,	..	..	..	Second Class (£15).
Brown, Henry,	..	..	..	Second Class (£15).
Lyons, Fredk. W.,	..	..	..	Second Class (£15).

Honours in Latin.

Reid, John,	First Class (Second Place).
Brown, Henry,	Second Class.

Honours in Greek.

Reid, John,	Second Class.
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Honours in English.

Reid, John,	First Class (First Place).
Brown, Henry,	Second Class.
Watt, George,	..	..	..	Second Class.
Watson, John,	..	..	..	Second Class.

Honours in French.

Watt, George,	..	..	..	Second Class.
Watson, John,	..	..	..	Second Class.
Lyons, Fredk. W.,	..	..	..	Second Class.

Honours in Natural Philosophy.

Reid, John,	..	..	..	Second Class.
Moody, James,	..	..	..	Second Class.
Brown, Henry,	..	..	..	Second Class.
Watt, George,	..	..	..	Second Class.
Carmichael, John S.,	..	..	..	Second Class.

SECOND UNIVERSITY EXAMINATION.

EXHIBITIONS.

Johnston, James, First Class (£36).
 Stuart, Thomas (Sch.), Second Class (£18).

Honours in Latin.

Johnston, James, Second Class.

Honours in English.

Johnston, James, First Class (First Place).

Honours in Mathematics.

Stuart, Thomas (Sch.), Second Class.

Honours in Mathematical Physics.

Stuart, Thomas (Sch.), First Class.
 Ryan, Hugh, Second Class.

Honours in Experimental Physics.

Ryan, Hugh, Second Class.

Honours in Biology.

Montgomery, Alex. W., Second Class.

B.A. DEGREE EXAMINATION.

EXHIBITIONS.

Entrican, Samuel W., Second Class (£21).
 Flack, Wm. T., Second Class (£21).
 Hanna, Robert K., Second Class (£21).

Honours in Ancient Classics.

Entrican, Samuel W., Second Class.
 Flack, Wm. T., Second Class.

Honours in History, Political Economy, and Jurisprudence.

Hanna, Robert K., Second Class.
 Keegan, David M., Second Class.
 Jones, James, Second Class.

M.A. DEGREE EXAMINATION.

Honours in Mathematical Physics and Experimental Physics.

Henry, John, .. First Class, and a Special Prize of £40.

FIRST PROFESSIONAL EXAMINATION IN ENGINEERING.

HONOURS.

Carmichael, John S., Second Class.

SECOND PROFESSIONAL EXAMINATION IN ENGINEERING.

EXHIBITIONS.

Henry, John, B.A., Second Class (£18).

HONOURS.

Henry, John, B.A., Second Class.

Faculty of Medicine.

FIRST EXAMINATION.

EXHIBITIONS.

Ryan, Hugh, Second Class (£10).

HONOURS.

Ryan, Hugh, .. *Experimental Physics*—First Class (First Place).

Ryan, Hugh, .. *Zoology*—Second Class.

Ryan, Hugh, .. *Chemistry*—Second Class.

TRAVELLING MEDICAL SCHOLARSHIP.

Allen, Robert, M.B., B.CH., B.A.O.

HONOURS OBTAINED BY STUDENTS OF QUEEN'S
COLLEGE, GALWAY, IN THE ROYAL UNIVER-
SITY OF IRELAND DURING 1895.

Faculty of Arts.

FIRST UNIVERSITY EXAMINATION.

EXHIBITION.

Hezlett, James, First Class (£30).

Honours in Latin.

Hezlett, James, Second Class.

Honours in English.

Hezlett, James, Second Class.

Honours in French.

Hezlett, James, Second Class.

Honours in Natural Philosophy.

Hezlett, James, First Class.

SECOND UNIVERSITY EXAMINATION.

EXHIBITIONS.

Reid, John, Second Class (£18).

Strain, James R. C., Second Class (£18).

Brown, Henry, Second Class (£18).

Honours in Latin.

Reid, John, Second Class.

Farley, William J., Second Class.

Honours in English.

Reid, John, Second Class.

Brown, Henry, Second Class.

Strain, James R. C., Second Class.

Honours in French.

Reid, John, Second Class.

Strain, James R. C., Second Class.

Honours in Experimental Physics.

Watt, George, First Class.

B.A. DEGREE EXAMINATION.

EXHIBITIONS.

Ryan, Hugh,	..	..	..	First Class (£42).
Johnston, James,	..	..	..	Second Class (£21).
Stuart, Thomas,	..	..	..	Second Class (£21).

Honours in Civil and Constitutional History, Political Economy, and General Jurisprudence.

Johnston, James,	First Class.
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Honours in Mathematical Science.

Stuart, Thomas,	First Class.
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Honours in Mathematical and Experimental Physics.

Wilson, David,	Second Class.
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Honours in Experimental Physics and Chemistry.

Ryan, Hugh,	First Class (First Place).
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Honours in Biological Science.

Montgomery, Alex. W.,	Second Class.
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JUNIOR FELLOWSHIP IN NATURAL PHILOSOPHY.

M'Clelland, John A., M.A.

SECOND PROFESSIONAL EXAMINATION IN ENGINEERING.

HONOURS.

Carmichael, John S.,	Second Class.
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B.E. DEGREE EXAMINATION.

EXHIBITION.

Henry, John, M.A.,	Second Class (£21).
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HONOURS.

Henry, John, M.A.,	Second Class.
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FORMER PROFESSORS AND OFFICERS.

Appointed.	Vacated.
1845. Very Rev. J. W. Kirwan, President, . . .	Died, 1849
1845. Edward Berwick, Vice-President, appointed President,	Resigned, 1849
1849. Thomas Drane, M.A., Professor of Civil Engineering,	Resigned, 1849
1850. Very Rev. J. P. O'Toole, Vice-President,	Resigned, 1852
1849. Morgan W. Crofton, B.A., Professor of Natural Philosophy,	Resigned, 1852
[Fellow of the Royal Society, 1868; late Professor of Mathematics, R.M. Academy, Woolwich; Fellow of the Royal University of Ireland; Author of Papers in <i>Philosophical Transactions</i> , 1868-69.]	
1849. Patrick G. Fitzgerald, Bursar,	Died, 1853
1849. John Mulcahy, LL.D., Professor of Mathematics,	Died, 1853
[Author of "Principles of Modern Geometry," 1852.]	
1849. W. E. Hearn, B.A., Professor of the Greek Language,	Resigned, 1854
[Late Dean of the Faculty of Law in the University of Melbourne. Author of "Plutology," 1864; "The Government of England"; and "The Aryan Family."]	
1849. William Nesbitt, M.A., Professor of the Latin Language, appointed to the Greek Professorship,	Resigned, 1854
1849. Cornelius Mahony, Professor of the Celtic Languages,	Resigned, 1854
1849. Bernard O'Flaherty, Registrar,	Resigned, 1855
1849. James Hardiman, Librarian,	Died, 1855
[Author of "History of Galway," 1820; and of "Irish Minstrelsy or Bardic Remains of Ireland," 1831.]	

Former Professors and Officers. 165

Appointed.	Vacated.
1849. Edmond Ronalds, PH.D., Professor of Chemistry,	Resigned, 1856
[Editor of the Journal of the Chemical Society, joint Editor with Dr. T. Richardson of Knapp's "Chemistry in its applications to the Arts and Manufactures," 1848-1851. Author of papers:—"Ueber die Oxydation des Wachses durch Saltpetersäure," <i>Liebig Ann.</i> 1842, and "Excretion of Phosphorus," 1853, <i>Phil. Trans.</i>]	
1853. G. Johnstone Stoney, M.A., Professor of Natural Philosophy, appointed Secretary of the Queen's University,	Resigned, 1857
[Fellow of the Royal Society, 1861; late Secretary to the Queen's University in Ireland. Author of numerous Scientific and Philosophical Papers in <i>Phil. Trans.</i> ; <i>Trans. of Royal Dublin Society</i> , and <i>Philosophical Magazine.</i>]	
1849. H. Law, B.A., Professor of English Law,	Resigned, 1858
[Solicitor-General, 1873; M.P. for Londonderry, 1874; Attorney-General, 1880; Lord Chancellor of Ireland, 1881.]	
1849. Denis C. Heron, LL.D., Professor of Jurisprudence and Political Economy,	Resigned, 1859
[Serjeant-at-Law; M.P. for county of Tipperary, 1870. Author of "An Introduction to the History of Jurisprudence," 1860, and "History of the University of Dublin."]	
1849. Wm. B. Blood, B.A., Professor of Civil Engineering,	Resigned, 1860
[Author of Paper on "Stresses in Girders," <i>Min. Proc., I.C.E.</i>]	
1849. Charles Croker King, M.D., Professor of Anatomy and Physiology,	Resigned, 1863
[M.B.I.A.; late Medical Commissioner, Local Government Board for Ireland. Author of numerous Papers on Anatomy and Physiology.]	
1852. Joseph O'Leary, B.A., Vice-President, Professor of History and English Literature,	Died, 1864
[Author of various Legal works.]	
1853. Arthur Ireland, Bursar,	Died, 1864
1852. William Nesbitt, M.A., Professor of the Greek Language,	Resigned, 1864
[Late Professor of Latin, Queen's College, Belfast. Author of the Article, "Horae Taciteae" in <i>Hermathena</i> , Vol. III.]	

Appointed.	Vacated.
1849. Thos. Skilling, Professor of Agriculture,	Died, 1865
1849. Augustus Bensbach, M.D., Professor of Modern Languages, [Author of "Sketch of German Literature."]	Died, 1868
1854. Richard Blair Bagley, M.A., Professor of Latin,	Died, 1869
1859. John E. Cairnes, M.A., Professor of Jurisprudence and Political Economy, [Sometime Whately Professor of Political Economy in the University of Dublin; late Professor of Political Economy in the University College, London. Author of "The Definition and Logical Method of Political Economy," 1875, 2nd Edition; "The Slave Power," 1862; Essays on Political Economy; Political Essays; Some Leading Principles of Political Economy; and of other works.]	Resigned, 1870
1853. William Lupton, M.A., Registrar, appointed Professor of Jurisprudence and Political Economy,	Resigned, 1870
1849. Simon M'Coy, Professor of Materia Medica, [Author of numerous papers on Medical and Surgical Science.]	Resigned, 1873
1849. Richard Doherty, M.D., Professor of Midwifery, [Author of papers on Obstetric Science.]	Died, 1876
1870. William Lupton, M.A., Professor of Jurisprudence and Political Economy,	Died, 1876
1856. John H. Richardson, B.A., Librarian,	Resigned, 1876
1849. Edward Berwick, B.A., President,	Died, 1877
1863. John Cleland, M.D., Fellow of the Royal Society, 1872, [D.Sc.; LL.D.; Professor of Anatomy in the University of Glasgow. One of the Editors of the 7th Edition of Quain's "Elements of Anatomy;" Author of "Scala Naturae and other Poems," 1887; and of "Animal Physiology," "Variations of the Skull," and other important papers in the <i>Philosophical Transactions</i> .]	Resigned, 1877
1870. Thomas W. Moffett, LL.D., Registrar, appointed President,	Resigned, 1877
1873. Joseph P. Pye, M.D., M.Ch., Professor of Materia Medica,	Resigned, 1877

Former Professors and Officers. 167

Appointed.	Vacated.
1849. Nicholas Colahan, M.D., Professor of Practice of Medicine,	Resigned, 1879
1857. Arthur Hill Curtis, M.A., LL.D., Professor of Natural Philosophy,	Resigned, 1879
[Late Assistant Commissioner of Intermediate Education; late Senator of the Royal University of Ireland. Author of Papers:—“On the Integration of Linear and Partial Differential Equations,” in the <i>Cambridge and Dublin Mathematical Journal</i> , 1854; “Sur la Surface Lieu des Centres de Courbure Principaux d’une Surface Courbe,” in Liouville’s <i>Journal de Mathématiques pure et appliquées</i> , 1858; A Mathematical Deduction of the principal properties of the Gyroscope, Dublin, 1862; and of numerous Papers in <i>The Oxford, Cambridge, and Dublin Messenger of Mathematics</i> , <i>The Messenger of Mathematics</i> , New Series; <i>The Quarterly Journal of Pure and Applied Mathematics</i> ; and <i>The Philosophical Magazine</i> .]	
1877. Arthur Hill Curtis, M.A., LL.D., Registrar,	Resigned, 1879
1869. Thomas Maguire, LL.D., Professor of Latin,	Resigned, 1880
[Late Fellow of Trinity College Dublin, and Professor of Moral Philosophy in the University of Dublin. Author of “An Essay on the Platonic Idea,” 1866; of “Essays on the Platonic Ethics”; of “Lectures on Philosophy”; and of numerous Articles in <i>Hermathena</i> , Vols. I.–VI. Editor of “The Parmenides of Plato,” 1882.]	
1849. Alexander G. Melville, M.D., D.Sc., Professor of Natural History,	Resigned, 1882
[Joint Author of “The Dodo and its kindred,” and of papers on Anatomy and kindred subjects.]	
1876. Robert Cather Donnell, M.A., LL.D., Professor of Jurisprudence and Political Economy, .	Died, 1883
[Sometime Professor of Political Economy in the University of Dublin.]	
1849. William King, D.Sc., Professor of Mineralogy and Geology and Natural History, .	Resigned, 1883
[Author of “Monograph of Permian Fossils of England,” published by the Palæontographical Society, 1850; and of “Report on the Superinduced Divisional Structure of Rocks, called Jointing, and its Relation to	

Appointed.	Vacated.
Slaty Cleavage," <i>Transactions of the Royal Irish Academy</i> , Vol. XXV., 1875, and of numerous Papers in the <i>Annals of Natural History</i> , and in other Scientific Journals. Also Author in conjunction with Dr. T. H. Rowney of a Paper on "Eozoon Canadense" in the <i>Quarterly Journal of the Geological Society</i> , and of other Papers on the same subject in various Scientific Journals.]	
1880. Joseph Larmor, M.A., D.Sc., Professor of Natural Philosophy,	Resigned, 1885
[Fellow of the Royal Society, 1892; late Fellow of the Royal University of Ireland; Fellow of St. John's College, Cambridge. Author of various Papers in the <i>Proceedings of the Cambridge Philosophical Society</i> ; <i>Proceedings of the London Mathematical Society</i> ; <i>The Quarterly Journal of Pure and Applied Mathematics</i> ; <i>The Messenger of Mathematics</i> , New Series; <i>The Philosophical Magazine</i> .]	
1868. Charles Geisler, Ph.D., D.Lit., Professor of Modern Languages,	Died, 1886
[Late Fellow of the Royal University of Ireland.]	
1849. James V. Browne, M.D., Professor of Surgery,	Died, 1887
1880. John Fletcher Davies, M.A., D.Lit., Professor of Latin,	Died, 1889
[Late Fellow of the Royal University of Ireland. Editor of "The Agamemnon, The Choephoroe, and The Eumenides of Æschylus." Author of several Articles in <i>Hermathena</i> , contributed largely to <i>Kottabos</i> and <i>Dublin Translations</i> .]	
1856. Thomas H. Rowney, Ph.D., D.Sc., Professor of Chemistry,	Resigned, 1889
[Author of numerous memoirs in Organic Chemistry, especially on the Fatty Acids and their Amides, <i>Journal of the Chemical Society</i> ; and in conjunction with Dr. Wm. King of a Paper on "Eozoon Canadense" in the <i>Quarterly Journal of the Geological Society</i> , and of other Papers in various Scientific Journals.]	
1889. Augustus E. Dixon, M.D., Professor of Chemistry,	Resigned, 1891
[Professor of Chemistry, Queen's College, Cork. Author of Papers on Organic Chemistry in the <i>Journal of the Chemical Society</i> .]	

Former Professors and Officers.

169

1853. George Johnston Allman, LL.D., D.Sc., Professor of Mathematics, Senator of the Royal University of Ireland, Fellow of the Royal Society, 1884, Resigned, 1893
- [Member of the Senate of the Queen's University in Ireland, 1877. Editor of the Lectures of Professor MacCullagh on "The Attraction of Ellipsoids," *Transactions of the Royal Irish Academy*, Vol. XXII., 1853. Author of a Paper, "On Some properties of the Paraboloids," *The Quarterly Journal of Pure and Applied Mathematics*, 1874: of Articles on "Greek Geometry from Thales to Euclid" in *Hermathena*, Vols. III.-VI., 1878-1887, subsequently published as a Volume of the Dublin University Press Series, 1889; also of "Ptolemy (Claudius Ptolemaeus)" and other Articles in the 9th edition of the *Encyclopædia Britannica*.]
1864. George Johnston Allman, LL.D., D.Sc., Bursar Resigned, 1893

DEANS OF RESIDENCES.

Appointed.	Vacated.
1857. Rev. Wm. Lough,	Resigned, 1860
1860. Rev. Robert Huston,	Resigned, 1863
1863. Rev. John Duncan,	Resigned, 1866
1866. Rev. Hugh Moore,	Resigned, 1867
1858. Rev. John Lewis,	Resigned, 1867
1867. Rev. James Murdock,	Resigned, 1868
1849. Rev. John Treanor,	Resigned, 1868
1867. Rev. Wm. Jarrett,	Resigned, 1868
1868. Rev. Oliver M'Cutcheon,	Resigned, 1874
1874. Rev. J. C. Moore, B.A.,	Resigned, 1878
1876. Rev. F. Elliot,	— 1879
1880. Rev. T. W. Baker,	— —
1880. Rev. J. G. Robb, LL.B., D.D.,	Died, 1881
1880. Rev. John Kydd,	Resigned, 1881
1880. Rev. Thomas C. Maguire,	Resigned, 1884
1880. Rev. John Carson,	Resigned, 1887
1868. Venerable Archdeacon O'Sullivan,	Resigned, 1890
[Bishop of Tuam, 1890.]	
1868. Rev. Henry Shire,	Resigned, —
1868. Rev. Andrew Little,	Resigned, 1893

SESSION 1895-96.

THIS College is a Corporation, founded by Letters Patent under the Great Seal of Ireland, under the name and style of the "President and Professors of Queen's College, Galway."

The general government and administration of the College is vested in a Council consisting of the President and six Professors elected by the Corporate Body.

Visitors :

THE RIGHT HONOURABLE THE CHIEF SECRETARY FOR IRELAND.
THE RIGHT REVEREND THE LORD BISHOP OF TUAM.
THE RIGHT HONOURABLE LORD MORRIS.
THE RIGHT HONOURABLE THE LORD CHIEF JUSTICE OF IRELAND.
THE REVEREND THE MODERATOR OF THE GENERAL ASSEMBLY.
THE PRESIDENT OF THE ROYAL COLLEGE OF PHYSICIANS.
THE PRESIDENT OF THE ROYAL COLLEGE OF SURGEONS.

President :

SIR THOMAS MOFFETT, LL.D., D.LIT.

Professors :

<i>Greek,</i>	. . . . .	D'ARCY W. THOMPSON, M.A. CAMB., D.LIT., F.R.U.I.
<i>Latin,</i>	. . . . .	PHILIP SANDFORD, M.A. DUB.
<i>Mathematics,</i>	. . . . .	ALFRED C. DIXON, M.A. CAMB. and LOND., F.R.U.I., late Fellow of Trinity Col- lege, Cambridge.
<i>Natural Philosophy,</i>	. . . . .	ALEXANDER ANDERSON, M.A. CAMB., Ex- aminer, R.U.I., Fellow of Sidney Sussex College, Cambridge.
<i>History, English Literature, and Mental Science,</i>	. . . . .	} SIR THOMAS MOFFETT, LL. D. DUB., D.LIT., Senator, R.U.I. (President).
<i>Chemistry,</i>	. . . . .		ALFRED SENIER, PH.D. BERLIN.

Professors—continued:

<i>Natural History,</i>	.	.	}	RICHARD J. ANDERSON, M.A., M.D. R.U.I.,
<i>Mineralogy and Geology,</i>	.	.	}	M.R.C.S. ENG.
<i>Modern Languages,</i>	.	.		VALENTINE STEINBERGER, M.A., F.R.U.I.
<i>Jurisprud. and Polit. Econ.,</i>				CHARLES FRANCIS BASTABLE, LL.D. DUB., B.L.
<i>English Law,</i>	.	.		WILLIAM B. CAMPION, B.A. DUB., Serjeant- at-Law.
<i>Anatomy and Physiology,</i>	.	.		JOSEPH P. PYE, M.D., M.CH., D.SC., F.R.U.I.
<i>Practice of Medicine,</i>	.	.		JOHN ISAAC LYNHAM, M.D., M.CH., M.A.O., F.R.U.I.
<i>Practice of Surgery,</i>	.	.		WILLIAM W. BRERETON, L.R.C.S.I.
<i>Materia Medica,</i>	.	.		NICHOLAS W. COLAHAN, M.D., M.CH., R.U.I.
<i>Midwifery,</i>	.	.		RICHARD JOHN KINKEAD, B.A., M.D. DUB., L.R.C.S.I.
<i>Civil Engineering,</i>	.	.		EDWARD TOWNSEND, M.A., DUB., D.SC.

(The above compose the Corporate Body.)

Council, 1895-96:

THE PRESIDENT.

EDWARD TOWNSEND, M.A., D.SC.	|	JOSEPH P. PYE, M.D., M.CH.
RICHARD J. KINKEAD, B.A., M.D.	|	PHILIP SANDFORD, M.A.
ALEXANDER ANDERSON, M.A.	|	ALFRED SENIER, PH.D.

Office-Bearers:

<i>Registrar,</i>	.	.	.	EDWARD TOWNSEND, M.A., D.SC.
<i>Bursar,</i>	.	.	.	JOHN I. LYNHAM, M.D.
<i>Acting Librarian,</i>	.	.	.	D'ARCY W. THOMPSON, M.A., D.LIT.

Deans of Residence:

<i>Church of Ireland,</i>	.	.	.	.	REV. JAMES F. BERRY, B.D.
<i>General Assembly of the Presbyterian Church</i>	}	.	.	.	REV. JOHN C. CLARKE, B.A.
<i>in Ireland,</i>					
<i>Methodist Church,</i>	.	.	.	.	REV. ROBERT BOYD, M.A.

Lecturers, 1895-96 :

<i>Medical Jurisprudence,</i>	{	R. J. KINKEAD, M.D.
	{	ALFRED SENIER, PH.D.
<i>Pathology,</i>	.	J. I. LYNHAM, M.D.
<i>Clinical Fever,</i>	.	N. W. COLAHAN, M.D.
<i>Natural Philosophy,</i>	.	J. HENRY, M.A. (<i>Demonstrator</i>).
<i>Chemistry,</i>	.	A. J. WALKER, B.A. (<i>Demonstrator</i>).
<i>Anatomy,</i>	.	A. W. MONTGOMERY, B.A. (<i>Demonstrator</i>).

Senior and other *Scholars* also act as Assistants and Demonstrators to the Professors in the various departments, as required by the Council.

REGISTRAR'S AND BURSAR'S OFFICES.

The Offices of the Registrar and of the Bursar are open on week days during Session from 11 A.M. to 3 P.M., for the receipt of Fees, and transaction of other business. During recess, *letters* addressed to the Registrar will receive attention.

College Clerk, J. LOFTUS.

THE COLLEGE SESSION.

The College Session commences on the third Tuesday in October, and, in the Faculty of Arts and the School of Engineering, continues until the second Saturday in June; it is divided into three Terms.

The First Term of the Session 1895-96 commences on Tuesday, October 15th, and ends on December 21st, 1895.

The Second Term commences on January 6th, and ends on March 28th, 1896.

The Third Term commences on April 13th, and ends on June 13th, 1896.

In the Faculties of Law and Medicine the Sessions terminate in March and April, respectively.

DUTIES OF MATRICULATED STUDENTS.

"Every Matriculated Student shall obey the Statutes of the College, conform to all Decrees or other Regulations, made by the authorities of the College, for the maintenance of discipline and good conduct, and assist the College authorities in enforcing the same."—*Statutes*.

Every Matriculated Student is required to wear a cap and gown.

GENERAL REGULATIONS.**I.—MATRICULATION.**

THE Matriculation Examination is held at the commencement of the first Term of each Session. In the Session 1895-96, it will commence on Friday, 18th October, at 10 o'clock, A.M.

An additional Matriculation Examination will be held on the 15th November.

Each Candidate, before being admitted to the Matriculation Examination, is required to pay to the Bursar the *Matriculation fee* of ten shillings. This fee will not be returned to Students who may fail to pass the Examination; but such Students may present themselves at any subsequent Matriculation Examination in the same year without additional payment.

All Students are required to appear in the Registrar's office for the purpose of having their names entered on the College books.

The Council will admit any Student to Matriculation, without examination, who has passed the Entrance Examination of either of the Queen's Colleges, Belfast or Cork, or of the Royal or any other University within the United Kingdom empowered to grant Degrees in the several Faculties of Arts, Law, Medicine, and School of Engineering. Provided that—

- (a) His certificate of Matriculation be lodged with the Registrar :
- (b) He pass any portion of the Matriculation Examination of the College that is not included in the Entrance Examination of such other College or University :
- (c) His College Fees have been paid :
- (d) His standing be counted from the date of his having passed the Entrance Examination of such College or University.

A certificate of Matriculation will not be granted to any Student until he has paid the whole of the *Class Fees* for the Session, and commenced attendance on Lectures.

II.—AD-EUNDEM STUDENTS.

Any Student who has pursued part of his Collegiate Studies in any one of the Queen's Colleges, or in any University empowered to grant Degrees in Arts, Law, Medicine, and Engineering, or Student of any School of Law, Medicine, or Engineering, recognized by the Council, may, on passing such Examinations, and fulfilling such other conditions as the Council shall prescribe, take corresponding rank in this College; and may also compete for Junior Scholarships or other Prizes of the corresponding year: provided he shall not hold at the same time a Scholarship or other office of emolument in any other University, College, or Medical School.

III.—NON-MATRICULATED STUDENTS.

Non-Matriculated Students may attend the Lectures of any Professor. They are required to pay to the Bursar the Fees for the Classes they propose to attend, and a College Fee of ten shillings, and to sign an engagement to observe order and discipline in the College. They are not entitled to compete for Scholarships or other Collegiate distinctions.

During the term of their attendance on College Lectures they are admitted to read in the Library, and are permitted to take out books on loan under the same regulations as Matriculated Students.

IV.—ADMISSION OF WOMEN.

Women can attend the Lectures of the Professors, and present themselves at the College Examinations. By recent alteration in the statutes all Scholarships and Prizes are open to students of either sex.

V.—FEES PAYABLE BY STUDENTS.

To be paid to Bursar at commencement of First Term.

<i>College Fee</i> —	£	s.	d.
For each and every year, including Matriculation,	0	10	0

CLASS FEES.

Pass Courses—

For each Course,	2	0	0
Re-attendance on same,	1	0	0
<i>Except for following :—</i>			
Anatomy and Physiology (First Course),	3	0	0
First Re-attendance on Physiology (by Junior Students),	2	0	0
Practical Anatomy,	3	0	0
*Practical Physiology,	2	0	0
*Practical Histology,	2	0	0
Practical Chemistry,	3	0	0
Medical Jurisprudence,	2	0	0
†Special Instruction in Chemistry Laboratory, per month,	1	0	0
Hebrew or Sanskrit,	3	0	0
Practical Biology (3 months),	2	0	0
Natural History and Biology,	3	0	0
Practical Physics (Second and Third Terms),	2	0	0

Honour Courses—

In all subjects of the 1st and 2nd Years,	2	0	0
‡In all subjects of the 3rd Year,	3	0	0

SCHOLARS.

Junior Scholars are exempted from the payment of one-half of the Class Fees for *Pass Courses*, prescribed to Students of their Faculty and standing, when attended for first time.

VI.—RULES RELATING TO ATTENDANCE ON LECTURES.

All Matriculated Students are required to attend Lectures in Academical Costume.

No Student shall be admitted to Lectures until he has paid his College and Class Fees to the Bursar, and entered his name with the Registrar.

Attendance on Lectures includes preparation for Lectures; and a Professor, who on any occasion is not satisfied with the preparation of a Student, may refuse him credit for attendance.

In cases where Students pass from the Faculty of Arts to

* Conjoint Fee, £3.

† Only Students who have previously taken out a three months' Course are admitted for Special Instruction in the Chemistry Laboratory.

‡ Except in Jurisprudence and Political Economy, in which the fees are £2 each.

a different Faculty or School, they are exempted from re-attendance upon such Courses in Arts as they have already attended, which would otherwise be necessary for keeping the Academic year.

In cases of absence arising from illness, or other unavoidable cause, the Student is required, on resuming attendance, to lodge with the Registrar a letter or certificate explaining his absence, to be laid before the Council.

VII.—LIBRARY REGULATIONS.

The Library is open from the 1st of August to the 1st of October, between the hours of 11 A.M. and 3 P.M., and from the 1st of October to the 1st of November, between the hours of 10 A.M. and 5 P.M. From 1st of November to 1st of March, between the hours of 10 A.M. and 4 P.M., and from 1st of March to 1st of July, between the hours of 10 A.M. and 5 P.M.

The Library is closed (1) during the month of July; (2) on College holidays; (3) for periods of five days in the Christmas and Easter recesses respectively.

No Student is admitted to the Library except in full academical costume, nor until he has subscribed the following declaration:—

We, the undersigned, do hereby promise to the President and Council of Queen's College, Galway, that we will not mark, turn down the leaves of, or write on paper placed upon, or in any way whatsoever soil, deface, injure, or remove without permission, any book or document in the Library of said College. We also promise that we will not injure the Library furniture; that we will faithfully observe all the rules made for the regulation of the Library; and that we will acquaint the College Authorities with any serious instance of violation of the above rules which may come under our notice.

A Student, on depositing with the Bursar £1, may borrow three volumes, or on depositing £2, six volumes at a time. The sum deposited will be returned to him at the end of a Term on the production of a Certificate from the Librarian stating that all the books borrowed by him have been returned uninjured.

No Student can retain a volume borrowed from the Library more than one fortnight; but the borrower, on returning the book, may renew the loan, if the book has not been applied for in the meantime.

Any Student, on receiving at any time a notice from the Librarian, must return, within 48 hours, the books belonging to the Library which are in his possession.

[For the penalties prescribed for the injury or loss of books, and the fines for the detention of books called in, see *The Library Rules.*]

Persons resident in Galway, other than Professors or Students, may, by permission of the Council or of the Library Committee, have the privilege of borrowing books from the Library.

Such persons, on obtaining permission to borrow books, shall deposit the sum of £1 each with the Bursar, which will be refunded by him when they cease to avail themselves of the privilege, on their presenting a certificate from the Librarian that all books borrowed by them have been returned uninjured.

In case of a book or books being lost or injured, the Library Committee shall estimate the amount of loss or injury, and the borrower shall make it good, or the cost shall be deducted from the deposit lodged with the Bursar. The privilege of borrowing shall cease until the loss has been made good or the deposit made up to the full amount.

No borrower can have more than two volumes on loan from the Library at the same time.

No borrower can retain a book for more than a fortnight, but may, on returning it, renew the loan if the book has not in the meantime been applied for.

Books shall not be issued to persons, other than Professors or Students, except between 12 and 3 P.M. on Wednesdays and Saturdays.

[Further information may be obtained from the Librarian.]

VIII.—SESSIONAL EXAMINATIONS.

An Examination is held at the close of each Session in the subjects upon which Lectures have been delivered. Any Professor may, with the sanction of the Council, conduct the Sessional Examinations in any of his Classes by means of Term Examinations, and recommend Prizes, on the aggregate result. Notice of this method shall be given to the Class at the beginning of the Session.

A Supplementary Examination in the same subjects is held at the commencement of the following Session. Candidates intending to present themselves at the Supplemental Examination must give a fortnight's notice to the Registrar.

Every Matriculated Student in Arts, Law, and Engineering, must pass either the Sessional or the Supplementary Examination, before his name can be entered on the College Register as having completed the Session.

No Student is admitted to the Sessional or the Supplementary Examination who has not attended the Courses of Lectures prescribed to Students of his class and standing.

Honours and Prizes are awarded for distinguished answering in these Examinations.

IX.—SCHOLARSHIPS.

A.—SENIOR SCHOLARSHIPS.

The Council is empowered to award by Examination Eight Senior Scholarships of the value of £40 each to Matriculated Students, whose answering is reported as meritorious, and who shall have, during *three College Sessions* (of which *two at least* shall have been attended in Queen's College, Galway*), attended such Courses of Lectures, and passed such Examinations as shall be prescribed in that behalf by the Council of Queen's College, and who shall have passed the necessary Examinations within five† years from the date of Matriculation, and who shall have complied with such further conditions as the Council shall impose, provided he shall not have previously obtained a Senior Scholarship in the same department in this or in either of the other Queen's Colleges.

Of these Scholarships one is awarded for proficiency in each of the following departments :—

- | | |
|---|---------------------------------------|
| 1. Greek and Latin. | 5. Metaphysical and Economic Science. |
| 2. Modern Languages and Modern History. | 6. Chemistry. |
| 3. Mathematics. | 7. Natural History. |
| 4. Natural Philosophy. | 8. Law.† |
| | 9. See note ‡. |

All Senior Scholars are required to be in attendance in the College during their period of office, and to assist the Professors in such ways and under such regulations as the Council shall prescribe.

Senior Scholars, except in the Faculties of Law and Medicine, who have not taken the Degree of B.A. or of B.E., shall be required to attend the Courses prescribed for the third year in Arts.

* The *third* Session above referred to, as in the Statute relating to Senior Scholarships, may have been attended by Candidates in any one of the Queen's Colleges in Ireland, or in a College of any University in the United Kingdom.

† For the Senior Scholarship in Law the limit is six years, see page 218.

‡ One Senior Scholarship in *Anatomy and Physiology*, value £40, will also be open for competition at commencement of Session 1895-96, tenable for one year, by a Student who shall have attended the Medical School of this College for at least Two Sessions, and shall not be of more than six years' standing from date of Registration as a Student in Medicine. The Senior Scholar shall assist the Professor in such way as the Council shall prescribe.

Senior Scholars not assisting the Professor must attend at least one Honour Course of three Terms.

For the date of these Examinations, see page 180. For the Courses in the various branches, see pages 191, *sqq.*

B.—JUNIOR SCHOLARSHIPS.

The Council is empowered to award Forty-six Junior Scholarships, which are allocated as follows:—

- (a) In the FACULTY OF ARTS, thirty (value £24 each).
- (b) In the FACULTY OF LAW, three (value £20 each).
- (c) In the FACULTY OF MEDICINE, eight (value £25 each).
- (d) In the SCHOOL OF ENGINEERING, five (value £20 each).

(a) Of the thirty Junior Scholarships assigned to the FACULTY OF ARTS, ten—five Literary and five Science*—are awarded to Students of the *First Year* (see page 184); ten others—five Literary and five Science* to Students of the *Second Year* (see page 187); ten to Students of the *Third Year*. There being no additional Examination for Third Year Scholarships, the Scholarships of the Second Year are each tenable for *two years*, if the holder passes regularly with his class from the Second to the Third Year, and fulfils the conditions required by the Council.

For Courses, see pages 184, *sq.*

(b) Of the three Junior Scholarships appropriated to the FACULTY OF LAW, *one* is tenable by a Student of the *First Year*, *one* by a Student of the *Second Year*, and *one* by a Student of the *Third Year*.

For Courses, &c., see page 217.

(c) Of the eight Junior Scholarships appropriated to the FACULTY OF MEDICINE, *two* are tenable by Students of the *First Year*, *two* by Students of the *Second Year*, *two* by Students of the *Third Year*, and *two* by Students of the *Fourth Year*.

For Courses, &c., see pages 231, *sqq.*

(d) Of the five Junior Scholarships appropriated to the SCHOOL OF ENGINEERING, † *two* are tenable by Students of the

* The Council may withhold Scholarships in either department on the ground of insufficient answering, and may assign Scholarships so withheld to the other department.

If a Candidate be placed *first* in the order of merit in *both* departments, he is entitled to two Junior Scholarships, but in no other case can the same person hold two Scholarships simultaneously.

† Candidates for Junior Scholarships of the First Year in Arts or Engineering must declare which they intend to compete for, as competition for both is inadmissible.

First Year, two by Students of the *Second Year*, and *one* by Students of the *Third Year*.

For Courses, see pages 238, *sq.*

Junior Scholars in any Faculty are exempted from the payment of one half of the Class Fees for the *Pass Courses prescribed to Students of their faculty and standing*. (See pages 197, 216, 220, and 235).

The Examinations for Junior Scholarships are held during the first term of the Session.

No Student can compete for any Scholarship until—

(a) He has Matriculated.*

(b) He has paid the College and Class Fees.

(c) He has entered his name with the Registrar.

(d) He has (except when a candidate for a Junior Scholarship of the First Year) completed the course of the previous year in any one of the Queen's Colleges, or in any University empowered to grant Degrees.

No Student can compete for a Scholarship in any Course substantially the same as that in which he has already held a Scholarship or Exhibition in this, or in either of the other Queen's Colleges.

No Scholarship will be awarded to a Candidate who is not, in the opinion of the Examiners, sufficiently qualified in the prescribed Course.

Scholars failing to attend the prescribed Courses of Lectures, and to pass the Sessional Examinations, vacate their Scholarships. Students attending Honour Lectures must pass the Sessional Examinations in the subjects of such Lectures.

For the days and hours of examination for these Scholarships see pages 180-181.

For the Courses see under the various Faculties.

EXHIBITIONS.

The Council may award Exhibitions to Matriculated Students at the Examinations for Junior Scholarships.

No Student is allowed to compete for an Exhibition in

* Non-Matriculated Students, who satisfy the Registrar that they have been *bonâ fide* Candidates at the Current Matriculation Examination of the Royal University, may be admitted to the Scholarship Examinations on payment of the stated Fees, but cannot be elected to Scholarships unless they produce to the Registrar, Certificates of having passed that Matriculation Examination, on or before the day on which the Scholarships are awarded.

any Course substantially the same as that in which he has already held a Scholarship or Exhibition.

Exhibitioners failing to attend the prescribed Courses of Lectures, and to pass the Sessional Examinations, forfeit their Exhibitions.

THE "BLAYNEY" EXHIBITION.

An Examination for one Exhibition, value about £30, in connection with the "Blayney" Bequest, is held in the month of December of each year, on the following conditions:—

1. A Candidate must have completed two Sessions in his Faculty in this College, and not more than two and a-half years must have elapsed from the date of passing his *Matriculation Examination* to the time of his presenting himself as a Candidate.

2. The Holder of the Exhibition must attend Honour Classes, as required by the Council in this College, during the Session in which he shall have obtained the Exhibition; he must pass the College Sessional Examinations at the close of the same Session, and he must obtain First Class Prizes at these Examinations in the subjects in which he shall have obtained the Exhibition.

3. The Council retain the power of withholding, or of awarding only a portion of the Exhibition.

4. The "Blayney" Exhibition may be held along with any Scholarship.

5. One-half of the Exhibition will be paid in January, and one-half in the following month of July, provided the Holder shall have satisfied the conditions stated above.

The Exhibition is awarded in alternate years for Classical and Scientific merit, respectively. In 1895 the Course will be Scientific.

COURSE FOR THE SESSION 1895-96.

The Mathematical Course appointed for the Junior Scholarship of the Second Year, and in addition—

The *Theory of Equations*.
Analytical Geometry of two dimensions.
Differential and Integral Calculus, omitting *Differential Equations*.
 Newton's *Principia*, Book I., sections 1, 2, 3.

Elementary Statics.
Elementary Dynamics, including easy applications to the plane motion of rigid bodies.
Elementary Hydrostatics.
Elementary Optics.
Elementary Astronomy.

In addition to the above there was held in December, 1895, an Examination for a Blayney Exhibition, value about £30, in Classics, under the same conditions of competition and tenure.

The following was the Course:—

GREEK, . . . Aristotle—*Poetics*.
Aristophanes—*Clouds*.
Unprescribed Translation.
Composition.

LATIN, . . . Tacitus—*Annals*, i., ii.
Virgil—*Æneid*, xi., xii.
Unprescribed Translation.
Composition.

Higher Grammar and Philology.

Books recommended:

King and Cookson—*Comparative Greek and Latin Grammar*.

Victor Henry—*Comparative Grammar* (English Translation).

The next Examination will begin on Thursday, 3rd December, 1896.

“BLAYNEY” EXHIBITIONERS.

1890 (<i>Classics</i>),	. . .	Mahon, John S. (Sch.)
1891 (<i>Science</i>),	. . .	M'Clelland, John (Sch.)
1892 (<i>Classics</i>),	. . .	M'Gregor, William (Sch.)
1893 (<i>Science</i>),	. . .	None awarded.
1894 (<i>Classics</i>),	. . .	Johnston, James (Sch.) (Mills, John (Sch.), <i>proxime accessit</i> .)
1895 { (<i>Science</i>), }	. . .	{ Carmichael, John S. (Sch.)
{ (<i>Classics</i>), }	. . .	{ Reid, John (Sch.)

RESEARCH SCHOLARSHIP.

A Research Scholarship in Science (value £150 per annum, tenable for two years, subject to a satisfactory report at the end of the first year) has been offered by the Royal Commission for the “1851 Exhibition,” to students of science of at least three years' standing who have been recommended by the authorities of this College. For information respecting the nomination for 1894–6 given to this College by the Royal Commission, application may be made to the Registrar.

1892–3,	. . .	William Gannon, M.A.
[1893–4,	. . .	William Gannon, M.A.*]
1893–4,	. . .	John A. M'Clelland, M.A.
1894–5,	. . .	John A. M'Clelland, M.A.

* Resigned Scholarship on being appointed to Lectureship in the Owens College, Manchester.

TIME TABLES OF EXAMINATIONS.

I.—DAYS AND HOURS OF MATRICULATION AND SCHOLARSHIP EXAMINATIONS. OCTOBER, 1895.

DAYS.	HOURS.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	SENIOR SCHOLARSHIPS.
Tuesday, 15th Oct.	10—5		Supplementary Examinations.	Supplementary Examinations.	
Wednesday, 16th Oct.	10—5		Supplementary Examinations.	Supplementary Examinations.	
Thursday, 17th Oct.	10—1		Scholarship Examinations.		
			Lit. Schol.—Latin.		Latin.
	2—5		Lit. Schol.—Greek.		Greek.
Friday, 18th Oct.		MATRICULATION.			
	10—11½	English.	10—1 {	Lit. Schol.—English.	French.
	11½—1	Latin.		Eng. Schol.—Geometrical	
	11½—1	Greek.		Drawing, &c.	
	2—3½	French or German or Italian.—	2—5 {	Lit. Schol.—English.	German.
	3½—5	Mathematics.		Eng. Schol.—Geometrical Drawing, &c.	Italian.
Saturday, 19th Oct.	10—1	Experimental Physics.	Lit. Schol.—Latin. Med. Schol.—Natural History.		Latin. Natural History.
	2—5		Lit. Schol.—Greek. Med. Schol.—Natural History.		Greek.

Monday, 21st Oct.	10—1	Lit. } Schol.— Med. } English.	Med. } Schol.—Mod. Lang. Eng. } Lit.	Engin. Schol.—Engi- neering.	Economic Sci- ence.
	2—5	Lit. } Schol.— Med. } Greek.	Lit. Schol.—Modern Languages.	Engin. Schol.—Engi- neering.	Modern History.
Tuesday, 22nd Oct.	10—1	Lit. } Schol.— Mod. } Latin.	Med. } Schol.—Theoretical Engin. } Chemistry.		Theoretical Che- mistry.
	2—5	Lit. } Schol.— Mod. } Greek.			Mathematical Physics.
Wednesday, 23rd Oct.	10—1	Lit. } Schol.— Med. } Latin.	Science Schol. } Med. Schol. } Experimental Engin. Schol. } Physics.	Engin. Schol.—Mathe- matical Physics.	Exper. Physics. Prac. Physics. (Hour to be arranged.)
	2—5	Science } Schol.— Med. } Arithm. Engin. } Algebra.	Science } Schol.—Mathematics. Engin. }		Metaphysics.
Thursday, 24th Oct.	10—1	Science } Schol.— Med. } Geom. Engin. } Trig.	Science } Schol.—Mathematics. Engin. } Med. Schol.—Anatomy.	Engin. Schol.—Mathe- matics.	Mathematics.
	2—5	Lit. } French. Med. }	Med. Schol.—Anatomy.	Engin. Schol.—Practi- cal Chemistry.	Practical Che- mistry.*
Friday, 25th Oct.	10—1	Lit. } German. Med. }			English. Law— Jurisprudence and Civil Law.
	2—5	Lit. } Italian. Med. }			English. Law— English Law.

For Examinations for *Third* and *Fourth* Years' Scholarships in *Medicine*, and for Junior Law Scholarships, see next page.

* This Examination usually extends over two days, the hours to be arranged with Examiner.

**II.—DAYS AND HOURS OF THE EXAMINATIONS FOR MEDICAL SCHOLARSHIPS
OF THE THIRD AND FOURTH YEARS.**

DAYS.	MONTHS.	HOURS.	SUBJECTS.
THURSDAY,	24th October,	{ 10—1, 2—5,	Anatomy. Physiology.
FRIDAY,	25th October,	{ 10—1, 2—5,	Materia Medica. Surgery.
MONDAY,	28th October,	{ 10—1, 2—5, 10—1,	Midwifery. Medicine. Practical Chemistry.
TUESDAY,	29th October,	{ 10—11½, } 11½—1, }	Medical Jurisprudence.

EXAMINATIONS.

COURSES FOR THE SESSION, 1895-6.

I.—MATRICULATION.*

[For Regulations and date see pages 170 and 180.]

A.—In the Faculties of Arts, Law, and Medicine.

Subjects :

- i. *Latin.*
- ii. Any one of the following languages:—*Greek, French, German, Italian.*
- iii. *English.*
- iv. *Mathematics.*
- v. *Experimental Physics.*

The following are the particulars of the foregoing subjects of Examination:—

- i. *Latin,* . . . Ovid—*Metamorphoses*, Book xiii.
Cicero—*Pro Milone*.
Outlines of Roman History, from 390 B.C. to 27 B.C. (Smith's smaller *History of Rome*).
[NOTE.—A paper will be set in Latin Grammar, and easy sentences will be set for translation into Latin.]
- ii. { *Greek,* . . . Xenophon—*Hellenica*, Book i.
Euripides—(Scenes from) *Medea*. Rugby edition. Longmans, Green, & Co.
Outlines of Grecian History, from 560 B.C. to 322 B.C. (Smith's smaller *History of Greece*).
[NOTE.—A paper will be set in Greek Grammar touching on Declensions, Conjugations, and Rules of Syntax.]
- ii. { *French,* . . . Racine—*Esther*.
Souvestre—*Un philosophe sous les toits*.
Elements of French Grammar.
Easy sentences for translation into French.
- ii. { *German,* . . . Archenholz—*Geschichte des siebenjährigen Krieges*, Book iii.
Schiller—*Der Taucher, Ritter Toggenburg, Bürgerschaft, Graf von Habsburg, Handschuh, Lied von der Glocke, Siegesfest*.
Elements of German Grammar.
Easy sentences for translation into German.
- ii. { *Italian,* . . . Carcano—*Memorie d'un fanciullo, Il cappellano della Rovella* (Hachette).
Tasso—*Gerusalemme Liberata*, Cantos 1, 2.
Elements of Italian Grammar.
Easy sentences for translation into Italian.

* The Matriculation Certificate of the Royal University of Ireland will be accepted by this College.

- iii. *English*, . . . English Grammar and Composition, Outlines of Ancient and Modern Geography. *Paradise Lost*, Book vii. Lamb—*Twenty Selected Essays*:—The South Sea House; Oxford in the Vacation; Christ's Hospital Thirty-five years ago; Mrs. Battle's Opinions on Whist; Witches and Other Night Fears; My Relations; Mackery End; The Old Benchers; Dream Children; My First Play; Detached Thoughts on Books; Old Margate Hoy; The Sanity of True Genius; Captain Jackson; The Genteel Style in Writing; The Wedding; Old China; Poor Relations; Valentine's Day; The Praise of Chimney Sweepers.
- iv. *Mathematics*.—Arithmetic, including Vulgar and Decimal Fractions, Proportion and its applications, and the Extraction of the Square Root. Algebra, including Fractions, and the solution of Simple Equations. Geometry, Euclid, Books i., ii., iii.
- v. *Experimental Physics*.—The Elementary Principles of Dynamics and Hydrostatics, as treated in Everett's Text-book of Physics.

B.—*In the School of Engineering.*

Subjects :

- i. *Mathematics*.—Same as Course in Faculty of Arts.
- ii. *History, Geography, and the English Language*. History—Outlines of Ancient History. Geography—Outlines of Ancient and Modern Geography. English Language—English Grammar and Composition.
- iii. *Experimental Physics*.

II.—JUNIOR SCHOLARSHIPS OF THE FIRST YEAR.

[For Regulations see pp. 176 sqq. For dates of Examinations see pp. 180 and 181.]

1. Faculty of Arts.

A.—*Literary Scholarships of the First Year.*

Subjects :

- i. *Latin*.
- ii. Any one of the following languages:—*Greek, French, German, Italian*.
- iii. *English*.

NOTE.—In Group II., embracing Greek, French, German, Italian, the candidates must answer in one subject, may answer in two, but not in more.

The following are the particulars of the foregoing subjects of Examination. (The number placed opposite each subject shall be the standard mark, and no mark under one-fifth of the standard mark shall be taken into account in any subject):—

- i. *Latin* (150), . Livy—*Book v.*
 Sallust—*Jugurtha.*
 Horace—*Odes* ii., iii. [omitting *Odes* ii., 4, 5, 6, 8; iii. 6, 15, 22]; and *Ep.* ii. 1, 2.
 A piece of unprescribed Latin.
 A paper on Latin Grammar.
 Roman History—133–65 B.C. (Student's Rome).
 Composition in Latin Prose.
- ii. { *Greek* (150), . Homer—*Iliad*, i.
 Demosthenes—*Olynthiacs*; *Philippics* i., ii., iii.
 Sophocles—*Ajax* (to line 1039).
 A piece of unprescribed Greek.
 A paper in Greek Grammar (Accidence, ordinary Rules of Syntax, and idiomatic Constructions).
 Grecian History—560 to 322 B.C. (The Students' Greece, or Oman's History of Greece).
 Outlines of Greek Literature (Jebb's Primer.)
 Composition in Greek Prose.
- { *French* (100), . Ereckmann-Chatrion—*L' Invasion.*
 Corneille—*Cinna. Polyeucte.*
 Lamartine—*Le Tailleur de Pierres de Saint Point.*
 French Grammar.
 Translation from English into French.
- { *German* (100), . Freytag—*Die Journalisten.*
 Uhland—*Ausgewählte Gedichte* (Schaefer's Edition).
 Schiller—*Wilhelm Tell.*
 German Grammar.
 Translation from English into German.
- { *Italian* (100), . Machiavelli—*Discorsi sopra la Prima Decade di Tito Livio, Libro primo.*
 Maffei—*Merope.*
 Alfieri—*Agide.*
 Italian Grammar.
 Translation from English into Italian

- iii. *English* (100), . English Grammar and Composition.
 Outlines of Modern Geography.
 Shakspeare—*Coriolanus*; *Merchant of Venice*, Text of Beeching's Edition (Rivington's).
 Bacon—*Selected Essays* (of Truth, of Revenge, of Adversity, of Goodness and Goodness of Nature, of Nobility, of Atheism, of Travel, of Wisdom for a Man's Self, of Innovations, of Friendship, of Discourse, of Riches, of Ambition, of Nature in Men, of Custom and Education, of Youth and Age, of Studies, of Praise, of Anger, of Vicissitudes of Things).
 Pope—*Essay on Criticism*, and *Moral Essays*, 1, 3, 4 (T. Arnold's Text).
 Macaulay—*Essays on Clive and Warren Hastings*.

B.—*Science Scholarships of the First Year.*

Subjects:

- i. *Arithmetic*—
 Including Vulgar and Decimal Fractions, Proportion and its applications, and the extraction of the Square Root.
- ii. *Algebra*—
 Including the Solution of Simple and Quadratic Equations; Progressions, Permutations and Combinations, the Binomial Theorem for a positive Integral exponent, the nature and use of Logarithms, Problems.
- iii. *Geometry*—
 Euclid, Books i.—vi., or the subjects thereof. Deductions.
- iv. *Plane Trigonometry*—
 So far as to include the Solution of Triangles. Problems.
- v. The use of Logarithmic and Trigonometrical Tables.

2. Faculty of Law.

One Junior Scholarship is awarded in the First Year.

Examination to be held in December.

For the Course, see page 217.

3. Faculty of Medicine.

Two Junior Scholarships are awarded in the First Year. (See page 176).

The Course for one is the same as that prescribed for *Literary* Scholarships of the First Year in the Faculty of Arts (pages 184–185), and the Course for the other is the same as that prescribed for *Science* Scholarships of the First Year in the Faculty of Arts (page 186). But the Council may withhold either Scholarship if sufficient merit be not shown, and may assign the Scholarship so withheld to the other department. Exhibitions may also be awarded.

4. School of Engineering.

Two Junior Scholarships are awarded in the First Year.

The Course for these Scholarships is the same as that prescribed for the *Science* Scholarships of the First Year in the Faculty of Arts (page 186). The Council may withhold the Scholarships, or award Exhibitions as in the Faculty of Arts.

III.—JUNIOR SCHOLARSHIPS OF THE SECOND YEAR.

1. Faculty of Arts.

A.—*Literary Scholarships of the Second Year.*

Subjects :

i. *Latin.*

ii. Any one of the following languages :—

Greek, French, German, Italian.

[Candidates may select two, but not more, of these four languages.]

iii. *English.*

Detailed Courses :

[The maximum mark is attached to each subject, and no mark under one-fifth of this is taken into account.]

- i. *Latin* (200), . Horace—*Satires, Book i.*; *Epistles, Books i. and ii.*; and *Odes, Book i.*
 Virgil—*Georgics, i. and ii.*
 Livy—*Book xxxi.*
 Cicero—*Second Philippic.*
 Translation at sight.
 Latin Prose Composition, and Questions on Grammar and Philology.
 Roman History—from B.C. 201 to B.C. 88.
 Roman Antiquities.
- Greek* (200), . Euripides—*Bacchæ.*
 Homer—*Odyssey, ix. and x.*
 Plato—*Meno.*
 Herodotus—*Book viii.*
 Translation at sight.
 Greek History—from B.C. 500 to B.C. 322.
 Greek Prose Composition, and Questions on Greek Grammar and Philology.
- French* (150), . Sandeau—*Mademoiselle de la Seiglière.*
 Racine—*Athalie.*
 Michaud—*Histoire de la première Croisade.*
 Bossuet—*Oraison funèbre de Condé.*
 Questions on the Works and Lives of the Authors prescribed.
 French Grammar.
 Translation from English into French.
- ii. *German* (150), . Uhland—*Balladen* (Cotta's small edition).
 Lessing und Gellert—*Fabeln, &c.* (Pitt Press Series).
 Körner—*Leyer und Schwert.*
 Sybel—*Prinz Eugen.*
 German Grammar.
 Translation from English into German.
 Questions on the Works and Lives of the Authors prescribed.
- Italian* (150), . Manzoni—*I Promessi Sposi, Cap. 1-26 inclusive.*
 Alfieri—*Saul.*
 Tasso—*Gerusalemme Liberata, Cantos i. to iv., inclusive.*
 Goldoni—*Il Burbero Benefico.*
 Italian Grammar.
 Translation from English into Italian.
 Questions on the Works and Lives of the Authors prescribed.

- iii. *English* (150), . Shakspeare—*Richard III.*
Swift—*Battle of the Books.*
Johnson—*Life of Pope.*
Gray—*Elegy*; Odes on *Spring, Eton, Adversity,*
the Progress of Poesy; *the Bard.*
Thomson—*Winter.*
History of English Literature from 1700 to 1800.
Geography—As in the First Year.
English Composition.
-

B.—*Science Scholarships, Second Year.*

(1.) MATHEMATICS.

The Course appointed for Science Scholarships of the First Year, and in addition the following :—

Algebra—

Nature and Simpler Transformations of Equations.

Geometry—

Elements of Solid Geometry—Euclid, Book xi., Propositions 1 to 21, inclusive, with easy deductions from them; Elementary Properties of the Prism, Pyramid, Cone of Revolution and Sphere.

Trigonometry—

Plane Trigonometry (including Mensuration of Plane Figures, Determination of Heights and Distances, Properties of the Circumscribed, Inscribed, and Escribed Circles, and the Use of Tables); and Spherical Trigonometry (including the Solution of Triangles).

Analytic Geometry—

Discussion of the Equations of the Right Line and Circle in Cartesian and Polar Co-ordinates; Equations of the Conic Sections, deduced from their Geometrical Definitions, with their Elementary Properties. Easy Problems.

(2.) EXPERIMENTAL PHYSICS.

The Elementary Principles of Mechanics, Hydrostatics, Pneumatics, Sound, Heat, Light, Electricity and Magnetism.

2. Faculty of Law.

One Junior Scholarship (value £20) is awarded in the Second Year.

For the date of Examination see page 182.

For the Course see pages 217, 218.

3. Faculty of Medicine.

Two Junior Scholarships (value £20 each) are awarded in the Second Year.

For day and hour of Examination see page 181.

For the Course see page 232.

4. School of Engineering.

Two Junior Scholarships (value £20 each) are awarded in the Second Year.

For day and hour of Examination see page 181.

For the Course see page 240.

IV.—JUNIOR SCHOLARSHIPS OF THE THIRD AND FOURTH YEARS.

1. Faculty of Arts.

Junior Scholarships, Literary and Science, won in the Second Year, may be retained in the Third Year (see page 176).

2. Faculty of Law.

One Junior Scholarship (value £20) is awarded in the Third Year.

For the date of Examination see page 182.

For the Course see page 218.

3. Faculty of Medicine.

Two Junior Scholarships (value £25 each) are awarded in the Third Year, and two in the Fourth Year.

For the Courses see page 233.

4. School of Engineering.

One Junior Scholarship (value £20) is awarded in the Third Year.

For the Course see page 240.

V.—SENIOR SCHOLARSHIPS.

[For Regulations see p. 175.]

1.—GREEK AND LATIN AND ANCIENT HISTORY.

- Greek*, . . . Aristotle—*Poetics*.
Pindar—*Nemean Odes*, i.-vi., inclusive.
Aeschylus—*Agamemnon* and *Choephoroi*.
Theocritus—*Id.* 1, 2, 3, 6, 7, 9, 10.
Translation from an unprescribed author.
Grecian History.
Composition in Greek Prose.
Higher Greek Grammar and Philology.
- Latin*, . . . Tacitus—*Annals*, i.-iv.
Lucretius—*Books* v. and vi.
Plautus—*Captivi*, *Menaechmi*.
Cicero—*Ad Atticum*, xiii.-xv. *Orator*.
Virgil—*Aeneid*, vi.-ix.
Horace—*Odes*, i. and ii.
Roman History.
Latin Prose Composition.
Advanced Latin Grammar and Philology.

2.—MODERN LANGUAGES AND MODERN HISTORY.

- (i.) *English*, . . . Chaucer—*Knight's Tale*.
Shakspeare—*King Lear* and *King John*.
Bacon—*Advancement of Learning*, Book ii., Chaps.
1-21.
Wordsworth—*M. Arnold's Selections*.
Byron—*M. Arnold's Selections* (including Preface).
Burke—*Two Speeches on America*.
Coleridge—*Lectures and Notes on Shakspeare*
(Bohn's Series, pp. 183-394).
Thackeray—*English Humourists of the Eighteenth
Century*.
Pope—*Essay on Man*.
History of English Literature, 1800-1850.
English Essay.

(ii.) Any two of the following :—*French, German, Italian.*

French, . . . Descartes—*Discours de la Méthode.*
Fénelon—*Lettre à l'Académie.*
Corneille—*Le Cid, Cinna, Polyeucte.*
Moliere—*Les Femmes Savantes.*
Buffon—*Discours sur le style.*
Darmesteter et Hatzfeld—*Tableau de la Littérature au xvi Siècle.*
French Literature during the age of Louis XVI.
Elements of the History of the French Language.
Translation from English into French.

German, . . . Schiller—*Wallenstein's Lager.*
Goethe—*Egmont, First Part of Faust.*
Freytag—*Soll und Haben, Buch 1, 2, 3.*
Lessing—*Laokoon.*
Goethe und Schiller—*Briefwechsel, year 1798.*
History of German Literature of the 17th Century.
Elements of the History of the German Language.
Translation from English into German.

Italian, . . . Dante—*Il Purgatorio.*
Tasso—*Gerusalemme Liberata, the whole.*
Monti—*Caio Gracco.*
Manzoni—*Il Conte de Carmagnola.*
Gino Capponi—*Storia della Repubblica di Firenze, books 1, 2.*
Translations from English into Italian.
Elements of the History of the Italian Language.
History of Italian Literature from the death of Boccaccio to Tasso.

(iii.) *Modern History,* History of Great Britain and Ireland from 1589 to 1815.
History of France during the same period.

3.—MATHEMATICS.

In addition to the Mathematical Course appointed for Science Scholarships of the second year :—

- The Theory of Algebraical Equations, including their numerical solution.
- Analytical Geometry of two and of three dimensions.
- Differential and Integral Calculus, including applications to Geometry.
- Differential Equations.

4.—NATURAL PHILOSOPHY.

Mathematical Physics—

Statics, with the Elementary Theory of Attractions.
Dynamics of a Particle.
The Elementary Principles of the Dynamics of Rigid Systems.
Hydrostatics.
Geometrical and Physical Optics.
Spherical Astronomy.

Experimental Physics—

The subjects treated in Everett's Translation of Deschanel's Natural Philosophy, Preston's Theory of Light, Preston's Theory of Heat, Fleming's Alternate Current Transformer, Part I., and Ewing's Magnetic Induction.

Candidates will be required to show a practical knowledge of the use of Physical apparatus.

5.—METAPHYSICAL AND ECONOMIC SCIENCE.

(A) *Metaphysics*—

- (i.) Object, methods, and chief divisions of Metaphysics.
- (ii.) Notion of Being. Conceptions of Existence, Essence, Substance. Quality, Accident, Nature, Subsistence, Personality, Unity, Number, Identity, Diversity, Simplicity, Extension, Quantity, Space, Duration, Finite, Infinite; Relation; Possibility; Cause and Effect.

(B) *Psychology*—

- (i.) Enumeration and Analysis of Psychological Phenomena, as Consciousness, Sensation, Imagination, Remembrance, Judgment, Reasoning, Appetite, Emotion, Volition, Freedom of Will.
- (ii.) Subject, Object, and their relation in cognition. Perception, Conception. Laws of mental development, and Association of mental phenomena. The Nature and Properties of the Human Mind; mutual relations of the Mind and Body. Immortality.

(C) *Outlines of the History of Philosophy*, from Descartes to Kant (inclusive).

Candidates will be required to answer on the above Course—

Either (A) according to the principles of the philosophy of Aquinas [as expounded in Zigliara's *Summa Philosophica in usum Scholarum* or other similar treatise.]

Or (B) according to the principles of Sir W. Hamilton's Psychological and Metaphysical system; with special reference to Hamilton's Lectures on Metaphysics, Lectures XVI. to XL., and Notes A, B, C, in his edition of Reid, excluding the merely historical matter contained in those notes.

Jurisprudence—

Austin's *Jurisprudence* (Student's edition).
 Maine—*Ancient Law*.

Economics—

J. S. Mill—*Political Economy*.
 Ingram—*History of Political Economy*.
 Marshall—*Elements of Economics*, vol. i.
 C. S. Devas—*Political Economy*.

6.—CHEMISTRY.

(i.) *Theory of Chemistry—*inorganic and organic—

Books recommended :

Roscoe and Schorlemmer's *Treatise on Chemistry*, non-metals and metals
 Berntsen—*Organic Chemistry* (translated by M'Gowan), or
 Richter—*Organic Chemistry* (translated by Smith).
 L. Meyer—*Outlines of Theoretical Chemistry* (translated by Bedson and
 Williams).
 Hjelt—*General Organic Chemistry* (translated by Tingle).

(ii.) *Laboratory Experiments—*Qualitative and simple quantitative (volumetric and gravimetric) analysis—

Books recommended :

Clowes—*Practical Chemistry*.
 Fresenius—*Quantitative Analysis*, vol. i. (translated by Vacher), or
 Clowes and Coleman—*Quantitative Analysis*.

7.—NATURAL HISTORY.

The Examination for the Senior Scholarship in Natural History will consist of three parts :—

- I. Dissections of specimens of the invertebrate sub-kingdoms, such as the leech, earthworm, cockroach, crayfish, mussel, snail, and starfish; and of the vertebrate classes, such as codfish, frog, pigeon, and rabbit.
- II. An examination on wet and dry specimens.
- III. A written examination on Biology.

Candidates are advised to pay attention to the practical work.

8.—LAW.

For the necessary qualification of Candidates and the Course prescribed for Examination see pp. 218–219.

9.—ANATOMY AND PHYSIOLOGY.

For the conditions of Candidature see p. 235.

LECTURES.

DAYS AND HOURS OF LECTURES.

Subjects.	Terms.	Mon	Tues.	Wed.	Thrs.	Fri.	Sat.
1st YEAR.							
French (Honour),	1, 2, 3,	10	—	10	—	10	—
French (Pass),	1, 2, 3,	—	10	—	10	—	10
German,	1, 2, 3,	—	—	9	—	—	9
*Italian,	1, 2, 3,	—	—	—	—	—	—
Latin (Pass),	1, 2, 3,	12	—	12	—	12	—
Latin (Honour),	1, 2, 3,	—	11	—	11	—	*
Greek (Pass),	1, 2, 3,	—	2	—	2	—	2
Greek (Honour),	1, 2, 3,	12	—	12	—	12	—
Mathematics (Pass),	1, 2, 3,	1	—	1	—	1	—
Mathematics (Honour),	1, 2, 3,	—	1	—	1	—	—
English,	1, 2, 3,	11	—	11	—	11	—
Experimental Physics,	1, 2, 3,	—	12	—	12	—	12
2nd YEAR.							
†French,	1, 2, 3,	—	12	—	12	—	12
†German,	1, 2, 3,	9	—	—	9	—	—
*Italian,	—	—	—	—	—	—	—
†Greek,	1, 2, 3,	—	11	—	11	—	11
Latin,	1, 2, 3,	11	—	11	—	—	—
„ (additional for Honours),	1, 2, 3,	—	10	—	—	11	—
Mathematics (Pass),	1, 2, 3,	—	1	—	1	—	—
Logic,	1, 2,	1	—	1	—	1	—
Mathematics (Honour),	1, 2, 3,	—	11	—	11	—	11
English Language and Literature,	1, 2, 3,	—	2	—	2	—	2
Mathematical Physics (Honour),	1, 2, 3,	—	—	9	—	—	9
Mathematical Physics (Pass),	1, 2, 3,	10	—	—	—	10	—
Experimental Physics,	1, 2, 3,	—	9	—	9	—	—
Chemistry,	1, 2, 3,	12	—	12	—	12	—
Chemistry, Laboratory,	3 Mths.	3	—	3	—	3	—
Biology,	1, 2, 3,	—	3	—	3	—	3
Practical Biology (Honour),	3 Mths.	—	—	—	—	—	—
Physiology,	1, 2,	9	—	9	—	9	—
Mineralogy and Geology,	1, 2,	10	—	10	—	10	—
*Practical Physics,	2, 3,	—	—	—	—	—	—

* At hours and on days to be arranged.

† Honour Students receive special instruction.

DAYS AND HOURS OF LECTURES—*continued.*

Subjects.	Terms.	Mon.	Tues.	Wed.	Thrs.	Fri	Sat.
3rd YEAR.							
Zoology or Botany,	1, 2, 3,	—	3	—	3	—	3
*Practical Biology (3 Months) Honour,	—	—	—	—	—	—	—
Physiology,	1, 2,	9	—	9	—	9	—
*Chemistry (Honour),	1, 2, 3,	—	—	—	—	—	—
*Chemistry, Laboratory (Honour)	1, 2, 3,	—	—	—	—	—	—
English Language & Literature,	1, 2,	3	—	3	—	3	—
Metaphysics,	1, 2,	—	1	—	1	—	1
History,	1, 2,	2	—	2	—	2	—
Logic,	1, 2,	—	12	—	12	—	12
French,	1, 2, 3,	—	—	—	11	—	11
German,	1, 2, 3,	—	11	—	—	11	—
*Italian,	1, 2, 3,	—	—	—	—	—	—
Latin,	1, 2, 3,	10	—	10	—	10	—
„ (additional for Honours)*	1, 2, 3,	—	—	—	—	—	—
Greek,	1, 2, 3,	11	—	11	—	11	—
*Ethics,	—	—	—	—	—	—	—
*Political Economy,	1, 2,	—	—	—	—	—	—
Mathematics,	1, 2, 3,	—	12	—	12	—	—
Mathematical Physics,	1, 2, 3,	—	10	—	10	—	10
Experimental Physics (Honour),	1, 2, 3,	11	—	11	—	—	—
*Practical Physics,	2, 3,	—	—	—	—	—	—
†Mineralogy and Geology,	1, 2,	10	—	10	—	10	—
*History of Philosophy,	—	—	—	—	—	—	—
*Civil and Constitutional History	—	—	—	—	—	—	—
*Jurisprudence,	1, 2,	—	—	—	—	—	—

* At hours and on days to be arranged.

† Honour Students receive special instruction.

COURSES OF LECTURES.

Faculty of Arts.

[*The Course of Study extends over three Sessions.*]

PRESCRIBED PASS COURSES.

For Students of the First Year.

- I. Latin.
- II. Any one of the following :—Greek, French, German, Italian.
- III. English Language and Literature.
- IV. Mathematics.
- V. Experimental Physics.

Students may substitute Honour Courses in Latin, Greek, Mathematics, and Modern Languages for the Pass Courses in these subjects.

For Students of the Second Year.

- I. Latin.
- II. Greek.
- III. English Language and Literature.
- IV. Any one of the following languages :—French, German, Italian.
- V. Logic (Two Terms).
- VI. Mathematics.
- VII. Mathematical Physics.
- VIII. Experimental Physics.
- IX. Chemistry.
- X. Biology (including Physiology, Botany, and Zoology).
- XI. Geology (including Mineralogy and Physical Geography.)

Students must attend in four of the foregoing subjects, one of which must be Latin or Mathematics.

Honour Students may take Honour for Pass Courses in any of the subjects, and a Fifth (optional) Honour Course.

For Students of the Third Year.

- I. Latin.
- II. Greek.
- III. English, and any one of the following languages:—French, German, Italian.
- IV. Logic, and either Metaphysics, Ethics, History of Philosophy, or Political Economy.
- V. Mathematics.
- VI. Mathematical Physics.
- VII. Experimental Physics.
- VIII. Chemistry.
- IX. Physiology.
- X. Zoology and Botany.
- XI. Geology (including Mineralogy and Physical Geography.)

Students may attend, at their option, in any one of the following groups of subjects:—

- A. (1) Latin; (2) Greek; and (3) any one other of the above subjects.
- B. (1) Latin; (2) Logic, Metaphysics, with History of Philosophy; and (3) either Ethics or Political Economy.
- C. (1) Mathematics; and (2) (3) two others of the above subjects, one of which must be one of those enumerated under heads VI. to XI.

Or Honour Lectures in any one of the following Groups:—

- I. Latin and Greek Languages and Literature.
- II. English, and any two of the following languages:—French, German, Italian.
- *III. Logic, Metaphysics, Ethics, and History of Philosophy.
- IV. Civil and Constitutional History, Political Economy, and General Jurisprudence.
- V. Mathematics and Mathematical Physics.

Or Honour Lectures in any two of the following subjects:—

- I. Experimental Physics.
- II. Chemistry.
- III. Physiology.
- IV. Botany and Zoology.
- V. Geology.

Provided that no person attending Physiology shall be allowed to take Geology as his Second Subject.

[For the regulations as to University Examinations in Arts, see Appendix.]

* Any Candidate selecting Group No. III. will be at liberty to substitute for Ethics any one of the three subjects included in Group No. IV.

I.—GREEK.

Professor.

D'ARCY W. THOMPSON, M.A., D.LIT., F.R.U.I.

The books to be read in the Greek class-room for Session 1895-6 will be selected so as to prepare students for the several Examinations in the Royal University and corresponding Examinations.

Students of the *First Year* will read—

In *Pass Class*—Homer, *Od.*, 9 and 10; Demosthenes, *Olynthiacs*, 1, 2, 3; Greek *History* from B.C. 560 to B.C. 431; Greek *Literature*—Lyric Poets—Life in the Homeric Age, and Outlines of the Homeric Controversy; *Antiquities* (Gow., chaps. x., xi., xix.).

In *Honour Class*, in addition to the above, Euripides, *Bacchae*; Herodotus, Book 8; Plato, *Meno*.

The *Pass Class* meets at 2 P.M. on Tuesdays, Thursdays, and Saturdays; the *Honour Class* at 12 noon on Mondays, Wednesdays, and Fridays during three terms.

Students of the *Second Year* will read—

In *Pass Class*—Sophocles, *Antigone*; Thucydides, Book 7; *History*, from 431 to 387 B.C.; *Literature*, History of the Drama, The Historians; *Antiquities* (Gow, chaps. xii.—xv., xviii., xx., xxi.):

In *Honour Class*, in addition to the above—Homer, *Iliad*, 1, 11, 16; Sophocles, *Oed. Rex* and *Oed. Col.*; Plato, *Phaedo*; *Literature*—(Grote, chaps. 58-62, Abbott's *Pericles*, Jebb's *Homer*, Jevons' *Hist. of Greek Literature*, Part 1, Book 2).

The Class meets at 11 A.M. on Tuesdays, Thursdays, and Saturdays.

Students of the *Third Year* will read—

In *Pass Class*—Isocrates, *Panegyricus*; Demosthenes, *De Corona*; Aeschylus, *Eumenides*. Special Portions of History, Literature, and Antiquities.

In *Honour Class*, in addition to the above, Aristotle, *Poetics*; Homer, *Odyssey* (or, instead of Homer, *Odyssey*, the following four—Aesch., *Ag.* and *Cho.*; Aristoph., *Acharnians* and *Clouds*; Theocr., 1, 2, 3, 6, 7, 9, 10; Pindar, *Nemean*, 1-6).

The Class meets at 11 A.M. on Mondays, Wednesdays, and Fridays.

Obs.—The hours of attendance may possibly require re-adjustment; as, for instance, if Pass Students in the Second or Third Year should present themselves.

In all the years Students are exercised in Prose Composition. The required portions of Greek History and Antiquities are also studied.

All Students must provide themselves with annotated text-books such as are published by the leading booksellers for use in schools and colleges; with a Greek Grammar and a copy of the smaller edition of King and Cookson's "Introduction to the Comparative Grammar of Greek and Latin."

Students will have at their disposal in the Library the larger and more expensive editions of the works that are studied in class-room. They will also there find Dictionaries, Lexicons, Dictionaries of History, Geography, Antiquities; in fact, all the requisite works for general reference. Books of general reference can only be consulted in the Library. Books not of general reference may be borrowed for home-study.

II.—LATIN.

Professor.

PHILIP SANDFORD, M.A. DUB.

Lectures are delivered during three terms on the *Language* and *Literature* of Ancient Rome. Special portions of the *History* and *Antiquities* are studied in connection with the authors read. *Latin Prose Composition*, taught orally as well as by written exercises, forms an important part of each Course. Arrangements are made for the instruction in writing *Latin Verse* of such Students as are anxious to cultivate the art. The elements of *Classical Philology* and *Textual Criticism* are part of the work of the senior classes.

The Books read in class are chosen with a view to the requirements of Students who are preparing for Examinations in the Royal University of Ireland.

Lectures for Students of the First Year:—

(a) The *Pass* Class meets on Mondays, Wednesdays, and Fridays, during three terms, at 12 noon.

Books appointed for Session 1895-6:—Livy, Book xxxii. Horace, *Satires*, Book i., and *Epistles*, i., and *Odes*, Book i. Roman History, A. U. C. to 201 B. C. (Student's Rome.) Literature (Wilkins' Primer).

(b) Additional Lectures for *Honour* Students are delivered on Tuesdays and Thursdays, at 11 a.m.

Books appointed for Session 1895-6:—Virgil—*Eclogues* and *Georgics*, ii. Cicero—*Pro Muraena*. History—From 264 to 201 B.C. (Mommson). Antiquities—Ramsay, chaps. ii.-vi. Literature (Cruttwell, Book II., Part ii.)

[These Lectures include the Courses prescribed for the First Year's Examination in the Royal University, for the Sessional Examination in Q. C. G., and for the Latin portion of the Second Year's Literary Scholarship in Q. C. G.]

Lectures for Students of the Second Year:—

(a) The class meets on Mondays and Wednesdays at 11 a.m.

The special books appointed for the Session 1895-6 are:—

Cicero—*Officiis* i., ii.; Juvenal—*Satires*, 3, 4, 13, 14, 15; History and Literature of the period from B.C. 43 to 117 A.D. Antiquities—The Public Lands, Financial Administration of the Republic; Law and Justice; Roman Money; Roman Measures (Ramsay, and Roby L. G. i., App. D).

(b) Additional Lectures for *Honour* Students are delivered on Tuesdays at 10 a.m., and Fridays at 11 a.m., when the following will be studied:—Plautus—*Captivi*; Martial—Books v.-ix. (Stephenson's edition); Cicero—*In his Letters*, i. to xl. (Tyrrell's edition); Tacitus—*Hist.* i., ii. The special Honour course in History is Merivale, *History of the Romans*, chaps. 31-35, 39-41, and 44. Literature and Antiquities.

[These Lectures include the Courses prescribed for the Second Year's Examination in the Royal University, and for the Sessional in Q. C. G.]

Lectures for Students of the Third Year:—

The class meets at 10 a.m. on Mondays, Wednesdays, and Fridays, and arrangements are made for additional Lectures for *Honour* Students. The subjects of Lecture during the Session 1895-6, will be:—Virgil—*Aeneid*, x.-xii.; Horace—*Odes*, iii. and iv. and *C.S.*; Tacitus—*Annals*, i.-iv.; Lucretius, Books v. and vi.; Plautus—*Captivi* and *Menaechmi*; Cicero—*Ad Atticum*, xiv.-xvi.; Mommson's *History of Rome*, vol. i.; Merivale's *History of the Romans*, chaps. 52-68; Literature—The Poets of the Republic, and the Historians to Tacitus; Antiquities—Law and Justice; the Military Organisation, and the Financial and Provincial Administration of the Republic (Ramsay).

[These Lectures embrace the Courses prescribed for the Royal University B.A. Examination, and for the Sessional of the Third Year in Q. C. G.]

[Arrangements may be made with the Professor for additional Lectures if necessary.]

Students are expected to provide themselves with texts and the ordinary editions for College use in class. The larger modern editions and Books of Reference may be consulted in the Library. For *Pass* Students of the *First Year*, Bradley's edition of Arnold's *Latin Prose Composition* is used as a basis of instruction in Prose Composition; for all the other classes Bradley's *Aids to Latin Prose Composition*.

III.—MATHEMATICS.

Professor.

ALFRED C. DIXON, M.A. Cantab., F.R.U.I.

During the Session four regular Courses of Lectures are delivered on the days and at the hours specified in the Time-table. They are adapted for those preparing for the Examinations of the Royal University of Ireland in their respective years.

I. For Pass Students of the First Year.

Subjects of Lecture—Elements of Geometry—Euclid, Books I.—VI.; Elements of Algebra; Plane Trigonometry, as far as the Solution of Triangles.

II. For Honour Students of the First Year, and Pass Students of the Second Year.

Subjects of Lecture—Elements of Solid Geometry; Plane and Spherical Trigonometry; Nature and Simple Transformations of Algebraical Equations; Analytical Geometry—Discussion of the Equations of the Straight Line and Circle, and the First Elements of the Conic Sections.

III. For Honour Students of the Second Year, and Pass Students of the Third Year.

Subjects of Lecture—Analytical Geometry, including the Discussion of the Equation of the Second Degree, and the properties of the Conic Sections; Differential and Integral Calculus.

The Lectures on the Elements of the Differential and Integral Calculus are open to Pass Engineering Students of the Second Year.

A Fourth Course of Lectures, extending over three terms, is arranged for Honour Students of the Third Year.

Subjects of Lecture—Analytical Geometry of Three Dimensions; Higher Plane Curves; Differential Equations.

In addition to the above Lectures, the Senior Scholar delivers a Course of Lectures extending over the three terms, to the Pass Students of the First Year.

The classes may be divided and others formed as is found desirable.

IV.—NATURAL PHILOSOPHY.

Professor.

ALEXANDER ANDERSON, M.A. Cantab., Examiner R.U.I.

Demonstrator—J. HENRY, M.A.

[In this Department Courses of Study are pursued in both Experimental Physics and Mathematical Physics.]

A.—EXPERIMENTAL PHYSICS.

Instruction in this subject is imparted by means of Lectures illustrated by experiments, by the use of suitable text-books, and by Courses of practical work in the Laboratory.

Lecture Courses.—Separate Courses of Lectures are given to Students of the First, Second, and Third Years.

The Class for Students of the *First Year* meets on three days of the week during the whole Session. The Lectures are designed to give Students in Arts, Medicine, and Engineering a thorough grounding in the general principles of *Mechanics, Hydrostatics, Heat, Sound, Light, Magnetism, and Electricity*, and are adapted for those preparing for the First University Examinations of the Royal University of Ireland, and similar Examinations. Special attention is given to the subjects of *Heat, Light, and Sound*, to meet the requirements of those intending to compete for Honours at the First University Examination in Arts.

The Class for Students of the *Second Year* meets on two days of the week during the whole Session. The subjects chosen are those prescribed for the Second University Examination in Arts of the Royal University. These subjects are dealt with as completely as the Mathematical attainments of the Class will permit.

The Class for Students of the *Third Year* meets on two days of the week during the whole Session for Pass Students, and an additional Lecture every week is delivered to those who intend to compete for Honours at the B.A. Examination of the Royal University. The subjects chosen are those prescribed for this Examination, and the Lectures aim at making Students familiar with the present state of physical science, and with the results and methods of modern physical research. A Class may also be arranged with the Professor for Students reading the M.A. Honour Course of the Royal University.

Text-Books.

The Text-book recommended for the First Year Course is Everett's Text-Book of Physics. The exercises given in the Class are taken from Jones's Examples in Physics.

For the Second Year Course the Text-books recommended are Deschanel's Natural Philosophy, edited by Professor Everett, and Barker's Advanced Physics.

For the Third Year Course the Text-books recommended are Deschanel's Natural Philosophy, edited by Professor Everett; Preston's Theory of Light; Preston's Theory of Heat; Fleming's Alternate Current Transformer, vol. i.; Barker's Advanced Physics; Maxwell's Heat; Cours de Physique, by J. Violle; Ewing's Magnetic Induction.

Laboratory Courses.—Separate Courses of practical instruction in the Laboratories, at which the Demonstrator assists, are given to Students in the Faculties of Arts, Medicine, and Engineering. These Courses, which are continued for three months of the Session, are designed to prepare Students for the Examinations in Practical Physics of the Royal University, and similar Examinations; but facilities are afforded to Students desirous of pursuing a more extended course of practical work. The Physical Laboratories are supplied with electrical power from the Galway Electric Light Company's Station, and provided

with storage batteries, continuous current dynamo, alternator, and transformer. The Museum of Natural Philosophy, in connection with the Laboratories, contains a very complete collection of physical apparatus suitable for lecture illustration and research work.

B.—MATHEMATICAL PHYSICS.

Instruction in this subject is imparted by means of Lectures and by the use of text-books.

Lecture Courses.—Three Courses of Lectures are delivered extending over the whole Session—one to Pass Students of the Second Year, one to Honour Students of the Second Year, and one to Honour Students of the Third Year. Pass Students of the Third Year attend the Honour Course of the Second Year. A Class for Students reading the M. A. Honour Course of the Royal University in Mathematical Physics may be arranged with the Professor. An additional Course of Lectures is given by the Senior Scholar to Pass Students of the Second Year.

The subjects treated in the Courses of the Second Year are those branches of Mathematical Physics prescribed for the Second University Examinations of the Royal University in Arts and Engineering. The Third Year Course includes those branches of Mathematical Physics, prescribed by the Royal University for the Degrees of B.A. and B.E. with Honours.

Text-Books.

The Text-books recommended for the Second Year Courses are, Loney's *Mechanics and Hydrostatics for Beginners*, Loney's *Treatise on Elementary Dynamics*, Greaves' *Statics*, Heath's *Elementary Optics*, Greaves' *Hydrostatics*, Parker's *Astronomy*.

For the Third Year Course, the following Text-books are recommended:—Routh's *Statics*, vols. i. and ii. ; Williamson and Tarleton's *Dynamics*, Routh's *Elementary Rigid Dynamics*, Heath's *Geometrical Optics*, Besant's *Hydromechanics*, Part I.; Godfray's *Astronomy*, Frost's *Newton*.

LIBRARY:—The College Library contains a large collection of standard works on the various branches of Mathematical and Experimental Physics, and their allied subjects, and receives many British and foreign scientific periodicals and journals.

V.—HISTORY AND ENGLISH LITERATURE.

Professor.

SIR THOMAS MOFFETT, LL.D., D.LIT. (President).

Lectures on *English* to *First Year* Students are delivered during the whole Session on Mondays, Wednesdays, and Fridays, at 11 a. m.

The Lectures in *English Language and Literature* for Students of the *Second Year* are given during the three terms at 2 p.m. on Tuesdays, Thursdays, and Saturdays.

In the *Third Year*, Lectures on *English Language and Literature* are given during two terms at 3 p.m. on Mondays, Wednesdays, and Fridays. A voluntary Course is added in the third term.

In addition to Lectures of a more or less formal character on the successive movements of English Literature, and on the lives and writings of the more eminent or representative Poets and Prose writers of each period, the Books prescribed for the Examinations of the Royal University form the subject of special study.

The Students are also exercised in writing essays.

In *History*, Lectures are delivered on Mondays, Wednesdays, and Fridays, at 2 p.m. The Course usually includes the History of Great Britain and Ireland, and of France, from 1589 to 1815.

A summary view is given of the nature, uses, and general divisions of History, and the method of studying it; of public events and transactions, and the general progress of society, while special attention is bestowed on Constitutional and Legal History.

VI.—MENTAL SCIENCE.

Professor.

SIR THOMAS MOFFETT, LL.D., D.LIT. (President).

Logic.—The Courses of Lectures for *Second Year's* Students are delivered during two terms, at 1 p.m., on Mondays, Wednesdays, and Fridays.

The Lectures for *Third Year's* Students extend over two terms, and are delivered, at 12 o'clock noon, on Tuesdays, Thursdays, and Saturdays.

METAPHYSICS.—Lectures are delivered during two terms, at 1 p.m., on Tuesdays, Thursdays, and Saturdays.

The Course includes discussions on the principles of Psychological and Metaphysical Science, with a critical review of the principal Philosophical systems from Descartes to Kant.

The days and hours for Lectures in *Ethics*, and in the *History of Philosophy*, are arranged at the beginning of the First Term in each Session.

In the various Courses of Lectures, the portions of the subjects for each class are chosen to meet the requirements of Students who are preparing for Examination in the Royal University, and special arrangements may be made for Students who are studying for other public Examinations.

In the departments of English Literature, History, and Mental Science, additional (voluntary) Lectures are given in the Third Term.

VII.—CHEMISTRY.

Professor.

ALFRED SENIER, PH.D., BERLIN.

Demonstrator—A. J. WALKER, B.A.

Chemistry is studied throughout the Session: (1), by means of Lectures in which the Professor performs and explains the chief experiments out of which the science arises and is developing; (2), by experiments conducted by the Students themselves, each working independently, under the supervision of the Professor or Demonstrator; (3), by the use of text-books; by reference to the Dictionaries of Chemistry, and to the Chemical Journals which are available in the Library, and by study of the collections in the Chemistry Museum.

(1) LECTURE COURSES.

(a) *First Year's Course. Arts and Engineering. Inorganic Chemistry.*—The class meets at 12 o'clock on Mondays, Wednesdays, and Fridays throughout the Session. The Lectures embrace a consideration of the leading facts of Inorganic Chemistry, and include both the Pass and Honour subjects required for the Second University Examination in Arts, and the Second Professional Examination in Engineering of the Royal University, or for other corresponding Examinations.

About forty Lectures are devoted to a detailed study of the non-metallic elements, their reactions, and the constitution of the compounds they form. A review of the general facts established, and the conclusions to which they lead, then occupies about ten Lectures. This includes consideration of the weight relationship in chemical reactions, the atomic hypothesis, the molecular hypothesis, the relative weight of atoms and molecules, and the periodic law. Finally, the leading metals and their more important compounds occupy about ten Lectures.

(b) *First Year's Course. Medicine. Inorganic and Organic Chemistry.*—The class attends the Lectures of the First Year's Course for Arts and Engineering at 12 o'clock on Mondays, Wednesdays, and Fridays till the close of Medical Lectures, and in addition a course of Lectures after the Christmas recess given at 2 o'clock on Tuesdays, Thursdays, and Saturdays. These latter Lectures are devoted chiefly to Elementary Organic Chemistry, embracing the general methods of study of organic compounds, their identification, qualitative and quantitative analysis, the constitution of molecules, isomerism, and including the reactions of the chief members of the fatty and aromatic groups. This Course embraces both the Pass and Honour subjects required for the First Examination in Medicine of the Royal University, or for other corresponding Examinations.

(c) *Third Year's Honour Course. Arts.*—A class in Advanced Organic Chemistry, adapted to the requirements of the Degree Examinations in Arts of the Royal University, will be formed to meet throughout the Session at hours to be arranged with the Professor. Students desiring to attend this class should give notice to the Professor at the commencement of the First Term.

(2) LABORATORY COURSES, PRACTICAL CHEMISTRY.

Students are admitted to the Laboratory at the hours given in the time-table, and at other times arranged by the Professor. As far as possible separate benches are allotted to each Student. These practical courses of experiment not only impart the technical knowledge of Chemistry required in the practice of the various professions, but are a valuable means of acquiring manipulative skill, and of attaining a more intimate acquaintance with the science itself.

(a) *Second Year's Course. Arts and Engineering.*—This course consists of about forty Lectures of two hours each, commencing early in the first term, and ending at the close of the second term. The work done is adapted to the requirements in Practical Chemistry of the Pass Second Examination in Arts, and the Pass Second Professional Examination in Engineering of the Royal University. Students desiring to prepare for the *Honour* Examination are recommended to arrange with the Professor for a month's Special Instruction in addition to this Course.

(b) *First or Second Year's Course. Medicine.*—This class works at the same hours as the Second Year's Class in Arts and Engineering. The experiments are adapted to the requirements of the Pass Second Examination in Medicine of the Royal University, and of other corresponding Examinations. Students desiring to prepare for the *Honour* Examination are recommended to arrange with the Professor for a month's Special Instruction in addition to this Course.

(c) *Third Year Honour Course. Arts.*—This Course is arranged to meet the requirements of individual students. It consists of about forty Lectures of two hours each, and is adapted to the Degree Examinations in Arts of the Royal University and other corresponding Examinations.

(d) *Other Laboratory Courses.*—Facilities are also offered for experimental work in the following branches of Chemistry, and Classes may be formed by arrangement with the Professor:—the *preparation of pure chemical specimens*, a course of study of selected chemical reactions which is recommended especially to students preparing for Degree Examinations: the *application of chemistry to arts other than medicine and engineering*, technical instruction in the chemistry of agriculture, dyeing, brewing, testing of water, food, or drugs, &c.:—the prosecution of *new experiments*, for which purpose every facility is offered to students possessing the requisite skill.

(3) TEXT-BOOKS, CHEMISTRY DEPARTMENT OF LIBRARY,
CHEMISTRY MUSEUM.

(a) *Text-Books recommended.*—For First and Second Year Lecture Courses :—

Roscoe, Elementary Chemistry ; Remsen, Inorganic and Organic Chemistry, 2 vols., or Richter, Inorganic Chemistry (trans. Smith) ; and Turpin, Organic Chemistry.

For Third Year Honour Lecture Course :—

Roscoe and Schorlemmer, Treatise on Chemistry, vol. i. ; Richter, Organic Chemistry (trans. Smith) ; Bernthsen, Organic Chemistry (trans. M'Gowan) ; Nernst, Theoretical Chemistry (trans. Palmer) ; Hjelt, Principles of General Organic Chemistry (trans. Tingle) ; L. Meyer, Outlines of Theoretical Chemistry (trans. Bedson and Williams), or Dobbin and Walker, Chemical Theory for Beginners.

For Laboratory Courses :—

Qualitative Analysis—Clowes and Coleman, Elementary Qualitative Analysis, or Clowes, Practical Chemistry. For Quantitative Analysis—Fresenius, Quantitative Analysis, vol. i. (trans. Vacher), or Clowes and Coleman, Quantitative Analysis. For Preparations—Reynolds, Experimental Chemistry, 4 vols. For Chemistry of Agriculture—P. Frankland, Agricultural Chemical Analysis, or Coleman and Adderman, Practical Agricultural Chemistry.

(b) *Chemistry Department of Library.*—Chief works of reference :—

Morley and Muir ; Watt's Dictionary of Chemistry ; Thorpe, Dictionary of Applied Chemistry ; Beilstein, Organische Chemie ; Roscoe and Schorlemmer, Treatise on Chemistry ; V. Meyer, and Jacobson, Lehrbuch der Organischen Chemie ; L. Meyer, Modern Theories of Chemistry (trans. Bedson) ; Ostwald, Lehrbuch der Allgemeinen Chemie ; Nernst, Theoretical Chemistry (trans. Palmer) ; Kopp, Geschichte der Chemie ; E. Meyer, History of Chemistry (trans. M'Gowan) ; Crookes, Wagner's Chemical Technology ; Allen, Commercial Organic Analysis, etc.

Principal Journals :—

Containing original Memoirs :—Journal of the Chemical Society ; Liebig's Annalen der Chemie ; Berichte der Deutschen Chemischen Gesellschaft ; Zeitschrift für Physikalische Chemie ; Annales de Chemie et de Physique ; Journal of the Society of Chemical Industry ; Chemical News.

(c) *Chemistry Museum.*—A collection has been arranged of specimens of elements, inorganic and organic compounds, and of native minerals ; also of apparatus used in experimenting. These collections are available for study at all times when the Laboratory is open.

VIII.—NATURAL HISTORY.

Professor.

RICHARD JOHN ANDERSON, M.A., M.D. R.U.I., M.R.C.S. ENG., F.L.S.

The Department of Natural History comprehends the Sections of Zoology, Botany, Practical Biology, Geology, Mineralogy, and Physical Geography.

1. ZOOLOGY.

The Class in Zoology meets at 3, on Tuesdays, Thursdays, and Saturdays, during the months of November, December, January, and February. The Course consists of at least forty Lectures.

Introduction—The Kingdoms of Nature. The Characters of Organized Bodies. Protoplasm. Cells. Tissues. Organs. Development. Classification of Animals. Distribution in Time and Space. Theories of Evolution. The Anatomy, Physiology, and Life-History of selected types. Systematic Zoology.

THE MUSEUM.

This Museum contains a series of specimens illustrating the Animal Sub-Kingdoms. The specimens are arranged in a series, commencing with the simpler and proceeding to the higher Forms. Disarticulated Skulls, Glass and Papier-Maché Models may be used by the Students. A revolving Microscope, Panoramic Diagrams, and Dissected Specimens of Animals are included in the Collection.

Text-Books.

Thompson's Zoology, Nicholson's Zoology, Packard's Zoology, Claus' Zoology (translated by Sedgwick), Gegenbaur's Anatomy (translated by Bell), Wiedersheim's Anatomy, Huxley's Vertebrata and Invertebrata.

Works of Reference.

Cuvier's Anatomy, Owen's Anatomy, Bronn's Thier-Reich, Brühl's Anatomy, Yung's Anatomie, Brehm's Thierleben.

Journals.

Journ. Zoological Society, Journ. Linnean Society, Challenger Reports, The American Naturalist, Annales des Sciences Naturelles. Kolliker's Zeitschrift für Wissenschaftliche Zoologie, Gegenbaur's Morphologisches Jahrbuch, Journ. of Marine Biological Association, Zoologischer Jahresbericht, Naples; Zoologische Jahrbücher, Spengel.

2. BOTANY.

The Course in Botany extends over three months. The Class meets on at least three days in the week at 3 o'clock. The Lectures will embrace:—

Definitions. Plant Life; Histology and Physiology. Morphology. Systematic Botany, Cryptogams and Phanerogams.

Text-Books.

Vines' Botany Prantl (trans. by Vines), Behren's Botany (trans. by Geddes), Thome's Botany, Sach's Physiology of Plants, Goebel—Outlines of Classification and Special Morphology of Plants (trans. by Garnsey), Vines' Physiology.

Works of Reference.

Leunis' Synopsis, Endlicher and Bentley's Works, Grenville's Scottish Flora.

Journals.

Just's Botanischer Jahresbericht, Annales des Sciences Naturelles, Linnean Society's Journal, and Transactions.

3. BIOLOGY.

This Class meets on two or three days each week during the first three months of the Session.

During this Course the following Animals are dissected by the Students:—the Rabbit, Pigeon, Frog, Codfish or Dogfish, Sepia, Snail, Mussel, Blatta, Crayfish or Lobster, Cockroach, Earthworm, Leech, Hydra; Microscopic preparations of the organs are examined, fresh or preserved. The Plants studied are (*a*) Flowering Plant, Arabis or Wallflower, Tulip; (*b*) The Fern; (*c*) Chara, Penicillium, Mucor, Yeast. Sections of stems, leaves, roots, and flowers are made by the Students, who are expected to make drawings.

Third Year.—*Honour Students* meet on an extra day in the week, and are supplied with other specimens in addition to the above. All animals are supplied to the Students free of cost. Dissections take place under the superintendence of the Professor of Natural History and the Assistant in Biology.

Fee.—Biology (Three Month's Course), £2.

Text-Books.

The Practical Biology of Marshall and Hurst. The Practical Biology of Huxley and Martin. Marshall's Frog. Bower and Vines' Practical Works on Botany.

4. MINERALOGY, GEOLOGY, AND PHYSICAL GEOGRAPHY.

Lectures on Mineralogy, Geology, and Physical Geography are delivered during the First and Second Terms. The Class meets on Mondays, Wednesdays, and Fridays at 10 A.M.

The Lectures will embrace :—

(A.) **MINERALOGY.**—Crystallography. Physical Characters and Chemical Constitution of Minerals. Classification.

Text-Books.

Dana's Text-book of Mineralogy, Dana's Class-book of Mineralogy. Rutley's Rocks. Bauermann's Mineralogy. Nicol's Mineralogy. Garney—Crystallography.

Works of Reference.

Die Mikroskopische Beschaffenheit der Mineralien und Gesteine. Dana's System of Mineralogy. Miller's Mineralogy.

Journals.

The Mineralogical Magazine. Bulletin de la Société française de Mineralogie. Neues Jahrbuch f. Mineralogie u. Geologie.

(B.) **GEOLOGY.**—Definitions—The Materials of the Earth's Crust. The General Structure and the Size of the Earth. The Density of the Earth. Comparison with other Heavenly Bodies. The Nebular Hypothesis. The Rotation of the Earth. The Effects of the Sun and Moon on the Earth. Underground Temperature. Temperature of the outer Crust. Temperature in the Past. Climate. Limitation of Geographical Regions. Process of Denudation. Air. Water. Ice. Process of Depositing. Stratification, Jointing, Dip, Strike, Contortion, Faults, Synclinal and Anticlinal Folds. The Clinometer. Volcanic Agencies.—Active Volcanoes, and Earthquakes. Igneous Rocks, Granites, Porphyries and Volcanic Rocks, Lavas, Tuffs, and Ashbeds. Configuration and Structure. A Classification of Animals and Plants. General Distribution. Biological Theories. Fossils.

Text-Books.

Geikie's Text-book. Geikie's Class-book. Lyell's Student's Elements. Nicholson's Palæontology.

Works of Reference.

Etheridge and Seely—Geology. Prestwick—Geology. Kinahan—Geology of Ireland. Hull—Coalfields. Schimper—*Traite de Palæontologie Végétale*. Greene's Geology. Juffes Browne—Geology.

Journals.

The Geological Magazine. *Palæontologie française*. Quarterly Journal of the Geological Society. The Transactions of the Palæontological Society.

(C.) **PHYSICAL GEOGRAPHY.**—The Earth. General Geographical Considerations, Continents, Islands, Varieties of Land Surfaces, Proportion of Land to Water, Rivers, Lakes, Water in Interior of Earth, Snow, Ice, The Atmosphere, Winds, Climate, Weather, Volcanoes, Earthquakes.

Text-Books.

Geikie's Physical Geography, Haughton's Physical Geography, Young's Physical Geography, Ansted's Geography.

Works of Reference.

Thompson's Voyage of the Challenger, Wallace's Australasia, Wallace's Island Life, Darwin's Beagle, Stansford's Compendium, Réclu's Universal Geography; also the works of Baker, Burton, Cameron, Cook, Kane, Livingstone, M'Clintock, and M'Clure. Prevalsky—Mongolia.

Journals.

The Geographical Journal, Geographical Magazine, Journal of the Geographical Society of London.

THE MUSEUM OF MINERALOGY AND GEOLOGY.

The Museum, founded by the late Professor King, contains a series of Fossils illustrating the Geological Formations. The Museum contains also a large collection of Minerals and Ores.

Instruments have been provided for the use of Senior Students and for Class Purposes, including a Goniometer, a Clinometer, a Spectroscope, and an apparatus to illustrate Crystalline forms. A large Globe and several Maps, with the Land Surfaces in relief, are at the disposal of Students.

Senior Students are permitted to work in the Museum on one or two days in each week.

IX.—PHYSIOLOGY.

PROFESSOR PYE, D.S., M.D.

For Course see Faculty of Medicine, page 225.

X.—MODERN LANGUAGES.

Professor.

V. STEINBERGER, M.A., F.R.U.I.

Subjects: French, German, Italian.

There are three Classes, for Students of the First, Second, and Third Year of their Academical Course. In each of these Classes separate Lectures for Pass and Honour Candidates will be given. The different Classes meet at the hours set down in the Time Table of the College Calendar. The Lectures are arranged to suit the requirements of Students preparing for the several Examinations in the Royal University and for similar Examinations.

Pass Classes.

The business of these Classes is conducted by Lectures on Grammar and (in the Second and Third Year) on the Elementary History and some particular period of Literature of the language, by translations from and into English, by written exercises and examinations.

Honour Classes.

The Course of Instruction comprises advanced Composition, Translation, Critical Readings, and (in the Second and Third Year) Lectures on the History and Literature of the Romance and Teutonic languages.

The Third Year's Honour Class is conducted in the vernacular of the language which is being studied.

Faculty of Law.

Professor of English Law.

WILLIAM B. CAMPION, B.A., Serjeant-at-Law.

Professor of Jurisprudence and Political Economy.

CHARLES F. BASTABLE, LL.D., B.L.

COURSE OF STUDY.

Courses of Twenty-four Lectures are delivered to each Class, commencing in the First Term, on days and hours that are arranged with the Professors.

The following Course of Study is prescribed :—

FIRST YEAR.—The Law of Property and the Principles of Conveyancing; Jurisprudence.

SECOND YEAR.—Equity and Bankruptcy; Civil Law.

THIRD YEAR.—Common and Criminal Law; International and Constitutional Law.

LAW CLASSES.

FIRST YEAR. — *Jurisprudence.* — Course of Twenty-four Lectures in the First and Second Terms.

Books Recommended.

Markby—Elements of Law (4th Edition).

Austin—Jurisprudence, vol. i. (Campbell).

SECOND YEAR. — *Roman Law.* — Course of Twenty-four Lectures in the First and Second Terms.

Principal Text-book.—Institutes of Justinian (Sanders).

THIRD YEAR. — *International and Constitutional Law.* — Course of Twenty-four Lectures in the First and Second Terms.

Books Recommended.

Maine—International Law.

Hall—International Law.

ARTS CLASSES.

Pass.—Courses of Twenty-four Lectures during the First and Second Terms are delivered on :—

(a) POLITICAL ECONOMY.

Books Recommended.

Walker—Political Economy.

Devas—Political Economy.

Honours.—Additional Lectures supplementing the Pass Course.

Books Recommended.

J. S. Mill—Political Economy.

Marshall—Elements, vol. i.

Ingram—History of Political Economy.

(b) JURISPRUDENCE.—(Honour Course).

Books Recommended.

Austin—Jurisprudence, vol. i.

Maine—Ancient Law and Early History of Institutions.

Bentham—Theory of Legislation.

EXAMINATIONS.

MATRICULATION.

The same Course as for Arts, page 183.

JUNIOR SCHOLARSHIPS.

One (value £20) tenable by a Student of the FIRST YEAR.

Subjects :

Law of Property, &c.—

Williams—Real Property.

Goodeve—Modern Law of Real Property.

Jurisprudence—

Maine—Ancient Law.

Austin—Jurisprudence, vol. i. (Campbell's edition).

Markby—Elements of Law (4th edition).

One tenable by a Student of the SECOND YEAR.

Equity—

Snell—Principles of Equity.

M

Law of Property, &c.—

Williams—Personal Property.

Smith—Lectures on the Law of Contract.

Jurisprudence and Roman Law—

Jurisprudence as for First Year's Scholarship.

Roman Law—

Justinian—Institutes.

Gaius—Commentaries.

One tenable by a Student of the THIRD YEAR.

Law.—In addition to the Courses prescribed for the First and Second Years' Scholarships :—

Broom's Commentaries on the Common Law, Books ii. and iii.

White and Tudor—Leading Cases in Equity, vol. i.

Stephen—On Pleading.

Jurisprudence—Roman Law.—The Course as prescribed for the Second Year, together with :—

The Elements of International and Constitutional Law.

SENIOR SCHOLARSHIP.

One Scholarship (value £40) may be awarded by Examination to the Student who, in addition to the Courses of Lectures and Examinations prescribed for Candidates for Senior Scholarships in Arts, shall have attended during three Sessions the Courses of Law Lectures prescribed by the Council, and shall have passed the necessary Examinations for such Scholarships within six years from his Matriculation. The following is the Course prescribed for Examination :—

Jurisprudence and Civil Law.

The subjects prescribed for the Junior Scholarships, together with :—

J. S. Mill—Representative Government.

Bagehot—English Constitution.

Bluntschli—Theory of the State.

English Law.

As prescribed for the Junior Scholarships, together with :—

Smith—Leading Cases in Law.

White and Tudor—Leading Cases in Equity, vol. 2.

Best—On Evidence.

Archibald—Consolidated Criminal Statutes.

When no Candidate, qualified to compete for the Senior Scholarship, presents himself, an Examination in the same Course will be held for an Exhibition of Thirty Pounds, open to all Students who have completed the recommended Course in the Faculty of Law as Matriculated Students, and shall not be more than four years standing from the time at which they began that Course.

The Senior Scholar will be required to attend, during his year of office, Courses of Lectures on Evidence and Pleading, and on Colonial and Constitutional Law.

Students intending to proceed for the Certificate of the Law Professors, so as to entitle them to serve an apprenticeship of *four* years instead of *five*, under the provisions of the Attorneys and Solicitors (Ireland) Act, 1886*, are required to enter their names with the Registrar, *either as Matriculated or Non-Matriculated* Students, and pay the necessary College and Class Fees to the Bursar before the commencement of the Law Lectures in each Session.

Such Students are required to attend all the Lectures and pass all the Examinations prescribed for the first and second years of the Course of Study for Candidates for the Diploma of Elementary Law.

For the Degrees of LL.B. and LL.D., see Regulations of Royal University (Appendix).

* Every person who, as a Matriculated or as a Non-Matriculated Student of the University of Dublin or of any of the Queen's Colleges in Ireland, shall have attended or shall attend any prescribed Lectures, and shall have passed or shall pass any prescribed Examinations of the Professors of the Faculty of Law in the said University of Dublin or in any of the said Queen's Colleges, for a period of Two Collegiate Years, and who shall have duly served as an Apprentice under Indentures for the term of four years, in like manner as by this Act provided respecting the service for the term of five years, shall at any time after the expiration of five years from the commencement of such attendance on Lectures, or of such period of service, which shall first happen, be

Faculty of Medicine.**COURSE OF STUDY AND EXAMINATION.**

The attention of Students is specially directed to the absolute necessity for their being registered with the Branch Medical Council not later than fifteen days after the commencement of those Courses of Lectures, certificates of attendance on which they have to produce.

Students who have passed any of the following Examinations can be registered as soon as they have commenced attendance on Medical Lectures :—

The Matriculation Examination of the Royal University.

The Preliminary Examination of the Royal College of Surgeons of Ireland.

The Examination held by the Board of Intermediate Education, provided the Certificate includes all the subjects required by the General Medical Council.

The Curriculum extends over at least five years, and comprises the following* :—

COURSE OF STUDY.

Natural Philosophy.
Practical Physics.
Chemistry.
Practical Chemistry.
Botany with Herborizations for practical study, and Zoology.
Anatomy and Physiology.
Practical Anatomy.

Practical Physiology.
Materia Medica and Pharmacy.
Theory and Practice of Surgery.
Obstetrics and Gynæcology.
Theory and Practice of Medicine.
Medical Jurisprudence.
Pathology.

The "prescribed Courses" are those prescribed to Scholars of the several years (pages 230-233).

qualified to be sworn and to be admitted as an Attorney or Solicitor respectively, according to the nature of his service, of the several and respective superior Courts of Law or Equity in Ireland, as fully and effectually to all intents and purposes as any person having been bound and having served five years is qualified to be sworn, and to be admitted or enrolled and registered an Attorney or Solicitor under or by virtue of this Act.—EXTRACT.—29 & 30 Victoria, cap. 84.

* The Regulations of Licensing Bodies whose requirements differ from the above Curriculum may be learned on application to the Professors of the Faculty of Medicine.

DAYS AND HOURS OF LECTURES.

Subjects.	Months.	Mon.	Tues.	Wed.	Thrs.	Fri.	Sat.
French,	VI.	—	10	—	10	—	10
German,	VI.	—	—	9	—	—	9
Botany and Zoology, †	VI.	2§	3	2§	3	2§	3
Natural Philosophy, . . .	VI.	—	12	—	12	—	12
Practical Physics, ‡	—	9	—	—	—	9	—
Chemistry,	VI.	12	2*	12	2*	12	2*
Chemistry (Laboratory), . .	III.	3	—	3	—	3	—
Physiology,	VI.	9	9	9	9	9	—
Anatomy,	VI.	1	1	1	1	1	—
Practical Pharmacy, . . .	III.	—	3	—	3	—	3
Materia Medica,	III.	—	2	—	2	—	2
Anatomy,	VI.	1	1	1	1	1	—
Practical Physiology, and } Practical Histology, }	III.	10	—	—	10	10	—
Surgery,	VI.	12	—	12	—	12	—
Midwifery,	VI.	2	—	2	—	2	—
Medicine,	VI.	—	2	—	2	—	2
Pathology,	III.	—	1	—	1	—	1
Medical Jurisprudence, } Toxicology, }	II. {	12	—	12	—	12	—
		—	12	—	12	—	—

Attendance on Lectures is strictly obligatory.

The Lectures of the Professors in the Medical School of Queen's College, Galway, and the Clinical Instruction in the Galway Hospitals, are recognised as qualifying for the Diplomas of the Royal College of Physicians and Surgeons of Ireland, England, and Scotland, and for the Medical Degrees of the University of London, and the Royal University of Ireland.

CLINICAL TEACHING.

Clinical Teaching is carried on in THE GALWAY HOSPITAL, established as a Public General Hospital (in the place of the County Galway Infirmary) by Act of Parliament (1892).

* These Lectures commence in January.

† Students taking Practical Biology and Natural History are admitted to both Classes on payment of a fee of £3.

‡ The Class in Practical Physics begins at the beginning of the Second Term, and lasts till the end of the Session.

§ These Lectures are delivered in January and February.

The appointment of the Medical Staff being vested, by the Act, in the Local Government Board, that Board has made the following appointments :—

Physicians.

PROFESSOR KINKEAD, M.D.
PROFESSOR LYNHAM, M.D.

Surgeons.

PROFESSOR PYE, M.D., M.CH.
PROFESSOR COLAHAN, M.D., M.CH.
PROFESSOR BRERETON, L.R.C.S.I., M.R.C.P.I.

Gynæcologist.

PROFESSOR KINKEAD, M.D.

The interests of Students are expressly recognised and secured by section 2 of the Act, which provides that—

“The Hospital shall be available as a Clinical School for Medical Students attending the Queen’s College, and such Students may attend the Hospital at such times, and subject to such regulations, as may be prescribed.”

For further information application may be made to—

PROFESSOR PYE, M.D.,

*Hon. Secretary of the Medical
Staff of Galway Hospital.*

In addition to this, the GALWAY FEVER HOSPITAL* is open to Students of the Clinical Class.

Medical Officers.

N. W. COLAHAN, M.D., M.CH.
M. A. LYDON, L.R.C.S., L.R.C.P. EDIN.

Apothecary.

N. GREALY, L.R.C.S., L.R.C.P. EDIN.

Here opportunities are afforded for studying the various forms of Fever and Zymotic disease admitted during the College Session.

* The Royal University and other Licensing Bodies require a certificate of attendance for three months at an hospital devoted to the treatment of fever.

The Medical Faculty has also made arrangements with the Medical Officers for the admission of Students to the GALWAY UNION HOSPITAL.

Medical Officers.

N. W. COLAHAN, M.D., M.CH.

M. A. LYDON, L.R.C.S., L.R.C.P.

Apothecary—N. GREALY, L.R.C.S., L.R.C.P. EDIN.

This Hospital affords an extensive field for the study of all classes of disease, acute and chronic. A special ward is set apart for the diseases of children, in which Students will have an opportunity of studying this important class of cases.

Opportunities for Extern Practice and Vaccination are afforded at GALWAY DISPENSARY, No. 1.

Medical Officer.

P. M. RICE, M.R.C.P.I., L.R.C.S.I.

Students whose names are on the Clinical Roll of THE GALWAY HOSPITAL may attend any of the above-named Institutions without further charge.

I.—NATURAL PHILOSOPHY.

Professor.

ALEXANDER ANDERSON, M.A., Cantab., Examiner R.U.I.

Demonstrator—J. HENRY, M.A.

(For Courses see Faculty of Arts, p. 203.)

II.—CHEMISTRY.

Professor.

ALFRED SENIER, PH. D., BERLIN.

Demonstrator—A. J. WALKER.

(For Courses see Faculty of Arts, p. 207.)

III.—NATURAL HISTORY.

Professor.

RICHARD JOHN ANDERSON, M.A., M.D. R.U.I., M.R.C.S. ENG., F.L.S.

(For Courses see Faculty of Arts, p. 211.)

IV.—MODERN LANGUAGES.

Professor.

V. STEINBERGER, M.A., F.R.U.I.

(For Courses see Faculty of Arts, p. 215.)

V.—ANATOMY AND PHYSIOLOGY.

*Professor.*JOSEPH P. PYE, D.SC., F.R.U.I., M.D., M.CH., *Surgeon to the Galway Hospital.*

A. The Course laid down for Students in ANATOMY comprises :—

(a) *Descriptive Anatomy.*—A Course of Systematic Lectures on the Human Body. In the First Term, Osteology and Arthrology are taken up, and special attention is paid to the cultivation of a power of accurate observation and precise description.

Later on, more attention is gradually directed to the Topographic Anatomy of regions that are of medical or surgical importance.

The dissections for these Lectures are made by Prosectors appointed from amongst the best Students.

Casts, plates, and permanent dissections are used, sparingly at first, to a larger extent towards the end of the Course.

(b) *Dissections*, made by each Student independently, under the supervision of the Professor and Demonstrator. The Students are advised to learn Topographic Anatomy by means of a series of mental pictures; and, in order to secure vivid pictures, it is pointed out that careful and methodical dissections must be made.

The results of dissections are compared with the special information obtained by frozen sections, as well as with surface Anatomy of the living body, and the knowledge of its deeper organs obtained by auscultation and percussion.

B. In **PHYSIOLOGY** three Classes are formed:—Junior, Senior, and Practical.

To the *Junior Class* Lectures are delivered on the Histology and functions of the tissues, and of the organs of vegetable life, to which is added a special account of the structure and functions of muscle and nerve.

In the *Senior Class* the highest animal functions are taken first, beginning with a study of the nervous system and organs of sense.

The great facts of Physiology are studied by an examination of the original evidence, and, when practicable, by a repetition of the experiments that establish them.

For this purpose special portions of Physiology are taken each year.

The *Practical Class* meets in the second and third terms, on three days weekly. Each meeting occupies two hours. A separate table in the Laboratory is provided for each Student. In succession the Students undertake:—

I. **PRACTICAL HISTOLOGY.**—A Microscope and accessories are at the disposal of each Student.

About 60 preparations of the tissues and organs are made, which become the property of the preparer.

II. **PRACTICAL EXPERIMENTAL PHYSIOLOGY.**—The phenomena of muscle and nerve, of circulation and respiration, and of the sense organs, are studied experimentally.

III. **PRACTICAL CHEMICAL PHYSIOLOGY.**—Analysis of the various animal substances and fluids referred to in the General Course of Lectures are made by each Student, special attention being paid to work that is important from a clinical point of view.

A dark room for photographic work and for the use of the Laryngoscope and Ophthalmoscope is in readiness.

The *Laboratory* contains an excellent collection of instruments used in physiological work.

MUSEUM.

To the Physiological Department is attached the Museum of Human and Comparative Anatomy. The preparations in this Museum are arranged in physiological series according to functions of organs.

They form a valuable addition to the teaching facilities in Physiology ; enabling the Professor to illustrate his Lecture by extended references to Comparative Physiology.

This Museum was founded by the late Dr. CROKER KING, some time Professor of Anatomy and Physiology in this College, afterwards Medical Commissioner of the Local Government Board. It was remodelled and enlarged by his successor in the Chair, PROFESSOR CLELAND, F.R.S., now Professor of Anatomy in the University of Glasgow. To Professor Cleland the College is indebted for many valuable specimens which form a permanent record of his work here.

VI.—PRACTICE OF MEDICINE.

Professor.

J. I. LYNHAM, M.D., M.CH., M.A.O., F.R.U.I., *Physician to the Galway Hospital.*

Six Months' Course.

On Tuesdays, Thursdays, and Saturdays, at 2 o'clock. The Course is divided into two parts. The first comprises a general introduction to the study of Medicine, and a series of Lectures on the classification of diseases ; the general principles of ætiology, semeiology, diagnosis, and therapeutics ; the method of clinical examinations ; body temperature, and pulse in disease, and kindred subjects.

In the second and longer portion, the specific infections and constitutional diseases, and the diseases of the various systems and organs of the body, are taken up in regular order. The morbid anatomy and pathology, the symptoms, course, duration, and treatment are reviewed ; and in addition, the causation, complications, and sequelæ, prognosis, vital statistics, differential diagnosis, prophylaxis, &c., receive attention.

The Lectures are illustrated by pathological preparations—both macroscopic and microscopic—apparatus, instruments, drawings, &c. ; and the Professor, being one of the Physicians to the Galway Hospital, has an excellent opportunity of demonstrating to the Class the facts and methods treated of in the Lectures.

Examinations are frequently held during the Session, and by this means attention is paid to the progress of each member of the Class.

VII.—SURGERY.

Professor.

W. W. BRERETON, L.R.C.S.I., *Surgeon to the Galway Hospital, &c.*

The Surgical Lectures are delivered by the Professor of Surgery, at the College, on three days each week during the Session.

During the *First Term*, inflammation, general Surgical diseases, theory of treatment of wounds, &c., furnish the subjects of the Lectures. The class-books recommended are "Druitt's Surgeon's Vade Mecum," "Erichsen's Surgery," and "Green's Pathology."

Early in the *Second Term*, fractures and dislocations form the subject of the Lectures, where much assistance is given by dry specimens of bones, both normal and abnormal.

Special injuries and surgical diseases form the subjects of Lecture during the remainder of the Session.

Cassell's Clinical Manuals in connection with the subjects of the Lectures are recommended.

Surgical instruments are shown in connection with the Lectures, so as to give the Students the opportunity of learning the special use of each instrument.

At the termination of the Session an Examination is held, the questions being taken from different portions of the Course, and prizes given for high answering.

VIII.—MATERIA MEDICA.

Professor.

N. W. COLAHAN, M.D., M.CH., B.U.I., *Surgeon to the Galway Hospital.*

Lectures are delivered at 2 P.M. on Tuesdays, Thursdays, and Saturdays. The Course comprises a study of the Drugs, organic and inorganic, of the British Pharmacopœia, and a review of the more important Drugs that are not officinal.

The earlier Lectures include a study of:—

1. The general method of classifying drugs.
2. The sources and natural conditions of medicines.
3. The selection and collection of medicines.
4. The active principles of medicines derived from the vegetable kingdom.
5. The modes of administration of drugs.
6. The several circumstances that influence the action of drugs in the system.
7. Prescription reading and prescription writing.

Several Lectures are next devoted to a critical study of the Official Pharmacopœia.

The succeeding Lectures include the study of individual drugs, organic and inorganic, according to a pre-arranged therapeutical grouping, and after the following method:—Source (geographical, botanical); characters and tests; impurities and incompatibilities; preparations and doses; therapeutic value.

At the commencement of each Lecture the Class are examined on the previous day's work.

THE MUSEUM is enlarged and replenished from year to year, so that the drugs exhibited may be as fresh and characteristic as possible, and contains a complete set of the official drugs, and an extensive collection of drugs not official. These are exhibited to Students during Lecture, and ample opportunity is given them to investigate the physical properties and characteristic appearance of each specimen.

Text-Books.

Whitla—*Pharmacy, Materia Medica and Therapeutics* (6th edition); White—*Materia Medica, &c.*; Mitchell Bruce—*Materia Medica, &c.*; F. T. Roberts—*The Official Materia Medica*; C. L. Semple—*Elements of Materia Medica*.

Works of Reference.

Ringer—*Therapeutics*; Farquharson—*Guide to Therapeutics*; Binz—*Elements of Therapeutics*; Lauder Brunton—*Pharmacology, Therapeutics, and Materia Medica, Tables of Materia Medica*.

Practical Pharmacy is studied in the Pharmacy Laboratory by means of a three months' Course of Experiments and Demonstrations on Tuesdays, Thursdays, and Saturdays at three o'clock.

IX.—MIDWIFERY.

Professor.

R. J. KINKEAD, M.D. DUB., L.R.C.S.I., *Physician and Gynæcologist to the Galway Hospital.*

1. *Obstetrics.*

The Course occupies six months, and covers:—Anatomy of pelvic organs, mechanism of delivery, conception, pregnancy (including diseases of pregnancy), abortion, normal and abnormal labour, obstetric operations, puerperal diseases.

Gynæcology.

Instruments; methods of examination; operations; and diseases peculiar to women.

Lectures are delivered on Mondays, Wednesdays, and Fridays, from 2 to 3 P.M., during the Session.

THE MUSEUM.

The important Museum, collected by the late Dr. MONTGOMERY, and purchased for this Department, contains many very valuable Physiological and Pathological specimens, models, and diagrams. A large collection of Obstetric and Gynæcological instruments has been added.

The Library of the Department is very complete, and to it are added each year, as they are published, the best books and journals on Obstetrics, Gynæcology, and Pædiatrics.

Text-Books.

Playfair's or Leishman's Midwifery.

Barnes—Obstetric Operations.

MacNaughton Jones—Diseases of Women.

Hart and Barbour—Diseases of Women.

Goodall—Lessons on Gynæcology.

Lawson Tait—Diseases of Women and Abdominal Surgery.

X.—MEDICAL JURISPRUDENCE.

Lecturers.

R. J. KINKEAD, M.D.; ALFRED SENIER, PH.D.

A. *Forensic Medicine*.—From 12 to 1 on Mondays, Wednesdays, and Fridays during Second Term.

Poisoning, Suspicion and Symptoms of; Process of Law; Evidence; Signs of Death; Post-mortem Examinations; Crimes against the Person; Starvation; Suicide; Heat and Cold; Insanity, &c.

B. *Toxicology*.—At 12 on Tuesdays and Thursdays during two months immediately preceding the Easter recess. The Lectures are based on experiments made partly by the Lecturer and partly by the Students, and embrace the methods of detecting the leading poisons.

The *Library* in this department includes not only the standard works on Forensic Medicine, but those on Criminal Anthropology, on Public Health, Inebriety and Insanity. The *Law Library* is also available for reference.

Text-Books.

Tidy's Legal Medicine; Taylor's Medical Jurisprudence (Stevenson); Guy and Ferrier's Medical Jurisprudence; Kinkead's Medical Practitioner's Guide.

XI.—FEVER.

Lecturer.

N. W. COLAHAN, M.D.

This Course of Lectures, including Clinical Instruction, will be delivered at days and hours to be arranged.

XII.—PATHOLOGY.

Lecturer.

J. I. LYNHAM, M.D., M.CH., M.A.O.

On Tuesdays, Thursdays, and Saturdays at 1 o'clock during three months.

Post-mortem Examinations.

Pathological Processes and their Classification.

Examination of the Blood and Tissues in their fresh state.

Methods of Hardening, Cutting, Staining, and Mounting of Pathological Specimens.

Tumours.

Diseases of the Lungs, Heart, Vessels, Lymphatics, Nervous System, Digestive System, Urinary Organs, &c.

Parasites, Animal and Vegetable.

Classification of Bacteria.

Special characters and properties of selected Pathogenic Micro-organisms.

Preparation of Nutrient Media, Solid and Liquid, and Methods of Cultivation of Bacteria.

Microscopic Examination of Bacteria in Cultivation and in Tissues.

Bacteriological Examination of Air, Soil, and Water, and estimation of Microbes.

The Lectures are followed by demonstration and practical work in the Laboratory, which is supplied with Microscopes, Apparatus, and Re-agents.

There is an extensive and valuable collection of Pathological preparations and specimens at the disposal of the Lecturer for use in the Class.

EXAMINATIONS.

MATRICULATION.

See the Regulations, pages 170 and 183.

SCHOLARSHIPS.*

A. FIRST YEAR.—For one Scholarship the Course is the same as that prescribed for the Literary Scholarships of the First Year; for the other Scholarship the Course is the same as that prescribed for Science Scholarships of the First Year, in the Faculty of Arts.†

A Scholar or Exhibitioner of the First Year shall attend the following Courses‡:—

Anatomy,
Chemistry,
Natural History.

French or German.
Natural Philosophy, treated
Experimentally.

* For Conditions of Tenure and for Exhibitions, see pages 177–178. By a recent regulation of the Council, all Scholarships and Exhibitions of the Second, Third, and Fourth Years may now be competed for by Students who have attained the requisite standing in any Medical School recognized by the College Council, and have passed the Matriculation Examination in the College.

† See pages 184 and 186.

‡ Scholars of the First Year shall be exempt from attendance on Lectures in French, German, Physics, who shall produce Certificates of having passed a University Examination, or of having attended Courses of Lectures on these subjects in any Institution recognised by the Council of the College. A Course of Practical Chemistry may be added to the above list at the option of the Scholar or Exhibitioner.

B. SECOND YEAR.—A Student, in order to compete for a Scholarship of the Second Year, must have Matriculated, and must be of one year's standing, and not more.

Subjects of Examination.

1. *Anatomy* (100).—Osteology and Arthrology; also the Myology of the Limbs.

Candidates may be examined on specimens placed before them.

2. *Chemistry* (100).—The General Course in the Theory of Chemistry, for which see page 208.

Stress is laid on those reactions which have special Medical interest.

3. *Natural History* (100).—Vertebrata and Invertebrata.

Structural and Physiological Botany; Principles of Classification; Characters of the more common Natural Orders.

4. *Natural Philosophy* (50).—Elements of Mechanics, Hydrostatics, Pneumatics, Acoustics, Optics, Heat, Electricity, and Magnetism, treated principally from an Experimental point of view.

And either of the following—

5. *French* (50).* *German* (50).*

For the Courses, see the Second Year Scholarship in Arts, page 188.

No mark under one-fifth of the maximum shall be taken into account in any subject.

Scholars or Exhibitioners of the Second Year shall attend the following Courses :—

Physiology.	|	Practical Anatomy.
Practical Chemistry (if not taken in the First Year).		Materia Medica.

* The Candidates may select either French or German. When entering his name with the Bursar the Candidate shall declare the subjects which he selects for Examination.

C. THIRD YEAR.—In order to compete for a Scholarship of the Third Year, a Student must—

(a) Have Matriculated.

(b) Be of two years' standing and not more.

(c) Have attended in this, or some Medical School recognised by the College Council, Courses of Lectures in at least four of the following subjects:—

Anatomy and Physiology.
Chemistry.
Botany.
Zoology.

Practical Chemistry.
Practical Anatomy.
Materia Medica.

Subjects of Examination.

1. *Physiology* (100).—Organs and Functions of Digestion, Absorption, Circulation, Respiration, and Urination, together with the Blood and its Elaboration. The Examination will include practical work.

2. *Practical Anatomy* (100).—Joints, Muscles, Vessels, Viscera, and Brain.

During the Examination, Candidates may be called on to make dissections, or to describe structures placed before them.

3. *Materia Medica and Therapeutics* (100).—The Medicines and Compounds in the British Pharmacopœia. Candidates will be required to identify specimens and write prescriptions.

4. *Laboratory Experiments (Practical Chemistry)* (100).—The Course described, page 209.

No mark under 30 shall be taken into account in any subject.

A Student to whom a Third Year's Scholarship has been awarded shall attend, during the year of his election, four at least of the following Courses:—

Anatomy and Physiology.
Practical Anatomy.
Theory and Practice of Surgery.

Midwifery and Diseases of Women.
Theory and Practice of Medicine.
Medical Jurisprudence.

D. **FOURTH YEAR.**—In order to compete for a Scholarship of the Fourth Year, a Student must—

- (a) Have Matriculated.
- (b) Be of three years' standing and not more.
- (c) Have attended in this or some School recognised by the College Council, Lectures in Anatomy and Physiology, and three at least of the following Courses :—

Materia Medica and Therapeutics.	Theory and Practice of Surgery.
Medical Jurisprudence.	Obstetrics and Gynæcology.
Theory and Practice of Medicine.	

Subjects of Examination.

1. *Anatomy and Physiology* (100).—Functions of Cerebro-spinal Axis ; Cranial Nerves ; Sense Organs and Larynx. Analysis of Bile, Urine, Blood (including quantitative determination of Grape-sugar and Urea, and the use of the Spectroscope).

And *any three* of the following in which he has attended Lectures :—

2. *Materia Medica and Therapeutics* (100).—The Medicines and Compounds of the British Pharmacopœia, together with the Physiological action and Therapeutical effects of the following substances :—Iron, Mercury, Iodine, Arsenic, Aconite, Opium, Digitalis, Alcohol, Nux Vomica, Cinchona. [Candidates will be required to write prescriptions, and identify specimens.]

3. *Medical Jurisprudence* (100).—Starvation ; Wounds ; Insanity ; the Principal Poisons.

4. *Theory and Practice of Medicine* (100).—General Diseases ; Diseases of the Nervous System.

5. *Theory and Practice of Surgery* (100).—Wounds ; Fractures and Dislocations ; Diseases of Bone and Joints.

6. *Obstetrics and Gynæcology* (100).—Normal and Abnormal Labour ; Obstetric operations ; Menstruation.

No mark under 30 shall be taken into account in any subject. When entering his name with the Bursar the Candidate shall declare the subjects which he selects for Examination.

Scholars of the Fourth Year shall attend during the year of their election two at least of the following Courses, viz. Medicine, Surgery, Obstetrics, Medical Jurisprudence.

E. SENIOR SCHOLARSHIP IN ANATOMY AND PHYSIOLOGY.—The Scholar will be required to act as Demonstrator in these subjects, and the Examination will be directed to ascertaining his fitness for that position. The Examination will be on the structure and functions of the Human Body, and will include the preparation and recognition of specimens and the description of Museum preparations. Candidates are recommended to practise diagram work. An Examination will be held in the Physiological Laboratory at which Candidates will be required to show a practical acquaintance with the working of Physiological apparatus.

School of Civil Engineering.

Students in the School of Engineering can obtain in the Royal University of Ireland, the Degree of Bachelor of Engineering, Master in Engineering, or a Diploma in Engineering; for the regulations regarding these, see Appendix.

PRESCRIBED COURSE OF STUDY.

First Session.

Mathematics (First Course); *French or German; Chemistry; *Experimental Physics; Practical Physics; Geometrical Drawing and Descriptive Architecture; Office Work.

Second Session.

Mathematics (Second Course); Mathematical Physics; Practical Chemistry; Civil Engineering and Constructive Architecture; Office Work and Field Work.

* Students shall be exempt from attendance on Lectures in French, German, Experimental Physics, who shall produce Certificates of having passed an University Examination, or of having attended Courses of Lectures in any Institution recognised by the College Council, in these subjects.

Third Session.

Mathematical Physics ; Civil and Mechanical Engineering ; Office Work and Field Work ; Geology and Physical Geography.

Attendance on these Courses in all cases includes passing such Examinations as may be appointed by the College Council, as well as the Catechetical parts of the Courses of Lectures.

Some modification of the order in which the subjects shall be studied will be admitted on the recommendation of the Council.

DAYS AND HOURS OF LECTURES.

Subjects.	Terms.	Mon.	Tues.	Wed.	Thrs.	Fri.	Sat.
1st YEAR.							
French,	1, 2, 3,	—	10	—	10	—	10
Experimental Physics,	1, 2, 3,	—	12	—	12	—	12
Practical Physics,	2, 3	—	3	—	3	—	—
Chemistry,	1, 2, 3,	12	—	12	—	12	—
Mathematics (Pass),	1, 2, 3,	1	—	1	—	1	—
Mathematics (Honour),	1, 2, 3,	—	1	—	1	—	—
Geometrical Drawing and Descriptive Architecture,	1, 2, 3,	11	—	11	—	11	—
Office Work,	1, 2, 3,	2	—	2	—	2	—
2nd YEAR.							
Civil Engineering,	1, 2, 3,	1	—	1	—	1	—
Office Work and Field Work,	1, 2, 3,	2	—	2	—	2	—
Chemistry, Laboratory,	3 Mths.	3	—	3	—	3	—
Mathematical Physics (Pass),	1, 2, 3,	10	—	—	—	10	—
Mathematical „ (Honour),	—	—	—	9	—	—	9
Mathematics (Honour),	1, 2, 3,	2	—	2	—	2	—
Mathematics (Pass),	1, 2, 3,	—	1	—	1	—	—
3rd YEAR.							
Civil and Mechanical Engi- neering,	1, 2, 3,	12	—	12	—	12	—
Office Work and Field Work,	1, 2, 3,	2	—	2	—	2	—
Mathematical Physics,	1, 2, 3,	—	—	9	—	—	9
Geology and Physical Geo- graphy,	1, 2,	10	—	10	—	10	—

I.—MATHEMATICS.

Professor.

ALFRED C. DIXON, M.A. Cantab., F.R.U.I.
(For Courses see Faculty of Arts, p. 202.)

II.—NATURAL PHILOSOPHY.

Professor.

ALEXANDER ANDERSON, M.A. Cantab., Examiner R.U.I.
Demonstrator—J. HENRY, M.A.
(For Courses see Faculty of Arts, p. 203.)

III.—CHEMISTRY.

Professor.

ALFRED SENIER, PH.D., BERLIN.
Demonstrator—A. J. WALKER.
(For Courses see Faculty of Arts, p. 207.)

IV.—MINERALOGY AND GEOLOGY.

Professor.

RICHARD JOHN ANDERSON, M.A., M.D. R.U.I., M.E.C.S. ENG., F.L.S.
(For Courses see Faculty of Arts, p. 211.)

V.—MODERN LANGUAGES.

Professor.

V. STEINBERGER, M.A., F.R.U.I.
(For Courses see Faculty of Arts, p. 215.)

VI.—CIVIL ENGINEERING.

Professor.

EDWARD TOWNSEND, M.A. DUB., D.SC. R.U.I.

FIRST YEAR—SUBJECT OF LECTURES.

Scales, Curves, Descriptive Geometry, Orthographic and Isometric Projections, Shadows, Perspective and Descriptive Architecture.

Text-Books and Works of Reference.

Miller's Descriptive Geometry, Heather's Descriptive Geometry, Winter's Geometrical Drawing, Buck on Oblique Bridges, Clarke on Perspective, Carpenter's and Joiner's Assistant, Engineer and Machinists' Drawing Book, Rickman's Gothic Architecture, Ferguson's History of Architecture, Stuart and Revett's Antiquities of Athens, Oxford Glossary, Classic and Early Christian Architecture—Smith and Slater. Gothic and Renaissance Architecture—Smith.

SECOND YEAR—SUBJECTS OF LECTURES.

Instruments — Surveying, Levelling, Railway Curves, Measurement of Earthwork, Constructive Architecture, Measurement of the Flow of Water.

Text-Books and Works of Reference.

Rankine's Civil Engineering, Gillespie's Surveying, Cotton's Manual of Engineering, Rivington's Building Construction, Parts I. II., Bidder's Tables, Sir John M'Neill's Tables, Turner and Brightmore—Principles of Water Supply Engineering, Chapter on Hydraulics, Box's Hydraulics, Carpenter's and Joiner's Assistant, Maguire's Domestic and Sanitary Engineering and Plumbing.

THIRD YEAR—SUBJECTS OF LECTURES.

Materials used in Construction, Stresses in Structures, Principles of Construction of Bridges, Roads, Tramways, Railways, Roofs, Canals, Sewerage Works, Harbours, Arterial and Thorough Drainage, Waterworks, Locomotive and Pumping Engines.

Text-Books and Works of Reference.

Fairbairn's History of the Manufacture of Iron, Reid on Portland Cement, Rankine's Civil Engineering, Rankine on the Steam Engine, Rivington's Building Construction, Parts III. and IV., Stoney on Stresses, Cotteril's Applied Mechanics. Humber on Bridges, Buck on the Oblique Arch, Latham on Sanitary Engineering, Drainage of Lands, Towns, and Buildings, by Dempsey, with recent Practice by D. R. Clarke; Humber on Waterworks, Sewage Disposal Works by Santo Crimp, Box's Hydraulics, Turner and Brightmore—Principles of Water Supply Engineering, Chapter on Hydraulics, Vernon Harcourt on Harbours, Vernon Harcourt on Canals and Rivers, Stevenson on Harbours, Stevenson on Canals and Rivers, Clark on Roads, Clark on Tramways, Zeürner's Valve Gear, Steam Engine by Holmes, Minutes of the Proceedings of the Institution of Civil Engineers of London, Fairbairn on Mills and Millwork, Bodner's Hydraulic Motors, Tredgold on Carpentry, Carpenter's and Joiner's Assistant, Shelly's Workshop Appliances, Records of Modern Engineering, Simms on Tunnelling, Barry's Railway Appliances.

The Students of each year are engaged during each term in preparing working drawings of Structures in Architecture and Engineering.

Students of the Second and Third Years make Surveys and Sections in the field.

EXAMINATIONS.

MATRICULATION.

(See page 184.)

SCHOLARSHIPS.

Two	are	tenable	by	Students	of	the	First	Year.
Two								Second Year.
One								Third Year.

First Year's Scholarship.

To compete for a Scholarship of the First Year a Student must have Matriculated.

The Course is that prescribed for Science Scholarship of the First Year in the Faculty of Arts (see p. 186).

Second Year's Scholarship.

To compete for a Scholarship of the Second Year a Student must have Matriculated, and be of one year's standing, and not more.

The Course* consists of the subjects of study prescribed for Students of the First Year (see p. 235).

The subjects of Examination in French or German, and Experimental Physics, are the same as those prescribed for Medical Scholarships of the Second Year (see p. 232).

Third Year's Scholarship.

To compete for a Scholarship of the Third Year a Student must have Matriculated, and be of two years' standing, and not more.

The Course consists of the subjects of study prescribed for Students of the Second Year (see p. 235.)

* In Mathematics the Course is that prescribed for the Science Scholarship of the Second Year in the Faculty of Arts, p. 189.

APPENDIX.

For the information of Students, abstracts are here given of the regulations of the Royal University of Ireland; of the University of London, as well as of the Licensing Corporations in Medicine, and of the Honourable Society of King's Inns. The conditions of admission to the Competitive Examinations for certain Home and Foreign appointments are added.

At the end of each abstract, reference is made to the source from which full information may be obtained. Students are reminded that these regulations are subject to frequent change. Care should be taken to consult the latest official rules. These may be referred to in the College Library.

- I. Royal University of Ireland.
- II. University of London.
- III. Royal Colleges of Physicians and Surgeons in Ireland, England, and Scotland.
- IV. Regulations prescribed by General Medical Council.
- V. Regulations for admission to the Bar.
- VI. Inspectorships of National Schools.
- VII. County Surveyorships.
- VIII. Army, Navy, and Indian Medical Services.
- IX. Home Civil Service, Class 1.
- X. Civil Service of India.

I.—ROYAL UNIVERSITY OF IRELAND.

GENERAL REGULATIONS.

The following Degrees and Diplomas are conferred by the University :—

<i>Arts—</i>		<i>Medicine—</i>
Bachelor of Arts, . B.A.		Bachelor of Medicine, M.B.
Master of Arts, . M.A.		Doctor of Medicine, . M.D.
Doctor of Literature, D.Lit.		<i>Surgery—</i>
<i>Mental and Moral Philosophy—</i>		Bachelor of Surgery, . B.Ch.
Doctor of Philosophy, D.Ph.		Master of Surgery, . M.Ch.
<i>Science—</i>		<i>Obstetrics—</i>
Bachelor of Science, . B.Sc.		Bachelor of Obstetrics, B.A.O.
Doctor of Science, . D.Sc.		Master of Obstetrics, M.A.O.
<i>Engineering—</i>		<i>Sanitary Science—</i>
A Special Diploma, Dip. in Eng.		A Special Diploma.
Bachelor of Engineering, B.E.		<i>Mental Diseases—</i>
Master of Engineering, M.E.		A Special Diploma.
<i>Music—</i>		<i>Law—</i>
Bachelor of Music, . B.Mus.		Bachelor of Laws, . LL.B.
Doctor of Music, . D.Mus.		Doctor of Laws, . LL.D.

N

All Degrees, Honours, Exhibitions, Prizes, Scholarships, Studentships, and Junior Fellowships in this University shall be open to Students of either sex.

Candidates for any Degree in this University must have passed the Matriculation Examination. Students from other Universities and Colleges are included in this rule.

MATRICULATION.

(Dublin and Local* Centres.)

Subjects.

- I. Latin.
- II. Any one of the following Languages:—Greek, French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
- III. English Language.
- IV. Elementary Mathematics.
- V. Natural Philosophy.

THE FIRST UNIVERSITY EXAMINATION.

One Academical Year after Matriculation. (Dublin and Local* Centres.)

Subjects.

- I. Latin.
- II. Any one of the following Languages:—Greek, French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
- III. English Language and Literature.
- IV. Mathematics.
- V. Natural Philosophy.

* There is a Centre in Queen's College, Galway.

Faculty of Arts.

SECOND UNIVERSITY EXAMINATION IN ARTS.

One Academical Year after First University Examination.
(Dublin and Local Centres).

Subjects.

- I. Latin.
- II. Greek.
- III. English Language and Literature.
- IV. Any one of the following Languages:—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
- V. Logic.
- VI. Mathematics.
- VII. Mathematical Physics.
- VIII. Experimental Physics.
- IX. Chemistry.
- X. Biology (including Physiology, Botany, and Zoology).
- XI. Geology (including Mineralogy and Physical Geography).

N.B.—Candidates at this Examination must answer in four of the foregoing subjects, one of which must be Latin or Mathematics; but candidates entering for Honours in any subject may, if they choose, present as a fifth subject the Honour Course in any of the remaining seven of the foregoing subjects.

Candidates entering for Honours in any subject and presenting a Modern Language as one of the four obligatory subjects, will be at liberty to present, as a fifth subject, the Honour Course in any other of the Languages mentioned under head IV.

B.A. DEGREE EXAMINATION.

One Academical Year after Second University Examination;
held in Dublin only.

Subjects.

- I. Latin.
- II. Greek.
- III. English, and any one of the following Languages:—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
- IV. Logic, and either Metaphysics, Ethics, History of Philosophy, or Political Economy.
- V. Mathematics.
- VI. Mathematical Physics.
- VII. Experimental Physics.
- VIII. Chemistry.
- IX. Physiology.
- X. Zoology and Botany.
- XI. Geology (including Mineralogy and Physical Geography).

Pass.—Candidates at this Examination who desire a Pass Degree only, must answer in one or other of the following groups of subjects, to be selected by them when entering for the Examination :—

- A. (1) Latin, (2) Greek, and (3) any one other of the above subjects.
- B. (1) Latin, (2) Logic, Metaphysics, with History of Philosophy, and (3) either Ethics or Political Economy.
- C. (1) Mathematics, and (2) (3) two others of the above subjects, one of which must be one of those enumerated under heads VI. to XI.

Honours.—Candidates may obtain the Degree of B.A. with Honours, by passing the Examination in the Honour Courses of any one of the following groups of subjects :—

- I. Latin and Greek Languages and Literature.
- II. English, and any two of the following Languages :—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.
- III. Logic, Metaphysics, Ethics, and History of Philosophy.
- IV. Civil and Constitutional History, Political Economy, and General Jurisprudence.
- V. Mathematics and Mathematical Physics.
- VI. Mathematical Physics and Experimental Physics.

[Any Candidate selecting Group No. III. will be at liberty to substitute for *Ethics* any one of the subjects included in Group No. IV.]

Or by passing the Examination in the Honour Courses of any two of the following five subjects :—

- i. Experimental Physics.
- ii. Chemistry.
- iii. Physiology.
- iv. Botany and Zoology.
- v. Geology.

[No person presenting Physiology shall be allowed to present Geology as a second subject.]

M.A. DEGREE EXAMINATION.

One Academical Year after B.A.

Candidates at this Examination will be required to answer in any one of the following groups of subjects :—

- I. Latin and Greek Languages and Literature.
- II. English, and any two of the following Languages :—French, German, Italian, Spanish, Celtic, Sanskrit, Hebrew, Arabic.

- III. Logic, Metaphysics, Ethics, and History of Philosophy.
- IV. Civil and Constitutional History, Political Economy, and Political Philosophy.
- V. Mathematics and Mathematical Physics.
- VI. Mathematical Physics and Experimental Physics.

[Any Candidate selecting Group No. III. shall be at liberty to substitute for *Ethics* any one of the three subjects included in Group No. IV.]

Or in the Courses of any two of the following five subjects selected at their option, provided that no person presenting Physiology shall be allowed to present Geology as a second subject :—

- i. Experimental Physics.
- ii. Chemistry.
- iii. Physiology.
- iv. Botany and Zoology.
- v. Geology.

D.LIT. DEGREE.

Final Examination, three Academical years after B.A.

D.PH. DEGREE.

Examination, three Academical years from the time of obtaining the B.A. Degree.

B. SC. DEGREE.

Examination, one Academical year from the time of graduating in any Faculty in the University.

D.Sc. DEGREE.

Examination, three Academical years after Graduation in any Faculty in the University.

Faculty of Law.

There are three Examinations in Law :—

- 1. The First Examination in Law.
- 2. The Examination for LL.B. Degree.
- 3. The Examination for LL.D. Degree.

Candidates in Law must be Graduates in Arts of the University.

Faculty of Medicine.

While Candidates for other Degrees are only required to pass prescribed Examinations, Medical Students are, in addition, obliged to pursue fixed Courses of Study at special places of education. Considerable changes, binding on all Students who commence their Medical Studies after January 1st, 1892, have been introduced into the Medical Curriculum in consequence of its extension to five years.

Candidates for Medical Degrees, who began their Medical Studies after January 1st, 1892, must have been registered by Medical Council for 57 months, and must be fully 21 years of age.

MEDICAL CURRICULUM.

First Year.

The First Year's Course of Medical studies consists of :—

- (a) Natural Philosophy, taught experimentally—
 Either a Six Months' Course with Lectures (illustrated experimentally) on Three days in the week ;
Or, a Three Months' Course with Lectures (illustrated experimentally) on at least Five days in the week.
- (b) Chemistry, a Six Months' Systematic Course.
- (c) Biology—
 Botany, a three Months' Course with Lectures and Demonstrations on at least Three days in the week.
 Zoology, a Three Months' Course with Lectures and Demonstrations on at least Three days in the week.
- (d) Anatomy, a Six Months' Systematic Course (Optional).
- (e) Practical Anatomy (Dissections), a Six Months' Course (Optional).
 The Systematic Course in Anatomy and Dissections should enable the Student to acquire a good knowledge of the bones, joints, and muscles, and such knowledge of the vessels and viscera and of the larger nerves, as he may reasonably be supposed to have acquired at this period of his Medical Studies.
- (f) Practical Chemistry, a Three Months' Course (Optional).
 This attendance must not be simultaneous with attendance at the Systematic Course.

Students who have taken the B.A. Degree in any of the subjects named for the First Year's Course of Medical Studies shall, upon the production of certificates of attendance in recognised institutions at proper courses of instruction in such subject or subjects, be exempted from attending any further lectures or passing examinations in such subject or subjects.

But, to entitle a Candidate to any of the privileges here conceded, he must have obtained, at the B.A. Examination in the subject or subjects in which he now claims exemption, Honours or 50 per cent. of the Pass Marks.

In addition, any Student who may have passed the Second University Examination in Arts, and at such Examination shall have obtained in Biology, either Honours, or 50 per cent. of the Pass Marks, may be exempted from presenting Biology at the First Examination in Medicine; he must, however, lodge the necessary certificates.

Certificates of attendance upon a Course of Lectures on Natural Philosophy, taught experimentally, will be accepted, although such attendance may have taken place prior to the Candidate's first year of Medical Studies, provided such course fulfilled the conditions prescribed for the first year of Medical Studies in this subject.

Second Year.

The studies assigned to the Second Year must not be entered upon until the completion of the course assigned to the First Year, that is, until the completion of such a course of study as would qualify a Candidate for admission to the First Examination in Medicine.

The Second Year's course of Medical Studies consists of:—

- (a) Anatomy, a Six Months' Systematic Course (if not attended during the First Year).
- (b) Practical Anatomy [Dissections], a Six Months' Course (if not attended during the First Year).

Students who in the First Year have attended the courses of Anatomy prescribed for the Second Year, may in the Second Year attend the course of Anatomy prescribed for the Third Year.

(c) Practical Chemistry, a Three Months' Course (if not attended during First Year).

(d) Physiology, a Six Months' Systematic Course.

The Systematic Course in Physiology should enable the Student to acquire a good knowledge of Physiological Chemistry, and of the following:—Development of tissues; the Physiology of muscle, nerve-fibres, and nerve-cells (but not of the brain and spinal cord); also, the Physiology of blood, lymph, and lymphoid organs, digestion, circulation, respiration, animal heat, secretion and excretion (including the functions of the skin and kidneys). The advanced portions of the subject, *e.g.*, Embryology, the Histology and Physiology of the central nervous system and of the organs of special sense, of voice, and of reproduction, are comprised in the Advanced Systematic Course of Physiology prescribed for the Third Year.

(e) Materia Medica, Pharmacology and Therapeutics, a Three Months' Course (optional). This subject may be studied in either the Second or Third Year of Medical Studies; but it will be included in the subjects of the Third Examination in Medicine.

(f) Practical Physiology and Histology (optional), a Three Months' Laboratory Course of at least two hours three times a week. One third, at least, of the time shall be devoted to Practical Physiology, and this shall be stated explicitly in the certificate or certificates of attendance. This Course may be taken either in the Second or in the Third Year.

(g) Hospital Attendance. Attendance during a *Winter* Session of Six Months and a *Summer* Session of Three Months at a Medico-Chirurgical Hospital recognised by the University, and at the Clinical Lectures delivered therein.

Third Year.

No certificate of attendance at instruction in any of the branches of study assigned to the Third Year will be accepted where such attendance appears to have taken place prior to the completion of the Second Year of Medical Studies, except as herein provided.

The Third Year's Course of Medical Studies consists of:—

(a) Anatomy, a Six Months' Advanced Systematic Course (if not attended during the Second Year).

- (b) Practical Anatomy [Dissections], a Six Months' Course (if not attended during the Second Year).

The Course of Advanced Systematic Anatomy should be such as to enable Students to perfect their knowledge of the branches of Anatomy prescribed for the Second Examination in Medicine, and also of the whole nervous system and the organs of sense.

- (c) Physiology, a Six Months' Advanced Systematic Course.

The Course of Physiology must be distinct from the Course in the Second Year of Medical Studies. It shall deal expressly with those parts of the subject which are not prescribed for the Second Year's Course, and shall comprise Embryology the Histology and Physiology of the central nervous system, and of the organs of special sense, of voice, and of reproduction.

- (d) Practical Physiology and Histology (if not attended during the Second Year).

- (e) Any *two* of the following:—

1. Medicine, a Six Months' Course.
2. Surgery, a Six Months' Course.
3. Midwifery, and Diseases of Women and Children.

This may be attended either as one complete course of at least six months, embracing both branches of the subject, or as two courses of three months each, one in Midwifery, the other in Diseases of Women and Children. These two courses must not be simultaneous.

- (f) Materia Medica, Pharmacology, and Therapeutics, a Three Months' Course (if not attended during Second Year).

- (g) Practical Pharmacy,* a Three Months' Course given in a recognised School in a properly equipped Laboratory by a duly appointed Lecturer on Pharmacy.

(This Course may be attended before, at the same time as, or after that on Materia Medica, but must be attended in the Third Year.)

- (h) Hospital Attendance.

Attendance during a *Winter* Session of Six Months, and a *Summer* Session of Three Months at a General Hospital recognised by the University, and at the Clinical Lectures delivered therein.

* *All* Candidates are required to lodge Certificates of having attended this Course in accordance with these regulations.

(i) Fever Hospital.

Attendance* during a period of *Three* consecutive months at a Fever Hospital of repute, or in the Fever Wards of a General Hospital. If the attendance takes place during a regular Winter or Summer Session, it may be reckoned as a portion of the prescribed total Hospital attendance of thirty-three months.

But neither attendance at a Fever Hospital, nor the "Personal Charge" of Fever cases, can be recognised, where it takes place prior to attendance at the course of Lectures on Theory and Practice of Medicine.

(j) Attendance* on at least six *post-mortem* examinations.

(k) Attendance* for at least three consecutive months in a General Hospital as Clinical Clerk, and three consecutive months as Dresser; such attendances not to be simultaneous.

Fourth Year.

No certificate of attendance at instruction in any of the branches of study assigned to the Fourth Year will be accepted, where such attendance appears to have taken place prior to the completion of the Third Year of Medical Studies, except as herein provided.

The Fourth Year's Course comprises the following subjects at least :—

(a) Such of the following as may not have been attended during the Third Year of Medical Studies:—

1. Medicine, a Six Months' Course.
2. Surgery, a Six Months' Course.
3. Midwifery, and Diseases of Women and Children, a Six Months' Course.

(b) Operative Surgery.

The course of instruction must be given in a recognised Medical School by a duly appointed Lecturer in Surgery. The Certificate of attendance must show that the Candidate has attended at least three-fourths of the whole period of the Course, such attendances not to be under any circumstances less than on twenty-four distinct days; and that the Candidate himself has, during such Course, performed at least four major operations on the dead subject under the direction of the Lecturer.

Printed forms for this Certificate may be had on application.

* Any of these attendances may take place at any time during the Third, Fourth, or Fifth Years.

- (c) Medical Jurisprudence, a Three Months' Course.
- (d) Pathology, a Three Months' Systematic Course of at least two lectures per week in a recognised Medical School.
 Practical Pathology, a Three Months' Laboratory Course of at least three days per week in a recognised Medical School.
 These Courses may be taken simultaneously.
- (e) Ophthalmology and Otology, a Three Months' Systematic Course in a recognised Medical School.
- (f) Hospital attendance.
 Attendance during a *Winter* Session of Six Months and a *Summer* Session of Three Months at a General Hospital recognised by the University, and at the Clinical Lectures delivered therein.
- (g) Fever Hospital.
 Attendance during a period of *Three* consecutive months at a Fever Hospital of repute, or in the Fever Wards of a General Hospital, if not attended during Third Year.
- (h) Attendance on at least six *post-mortem* examinations, if not attended during Third Year.
- (i) Attendance for at least three months in a General Hospital as Clinical Clerk, and three months as Dresser; such attendance not to be simultaneous, if not attended during Third Year.

Fourth and Fifth Years.

Attendance on the remaining parts of the Medical Curriculum may take place during either the Fourth or the Fifth Year. These parts are—

- (a) Sanitary Science. A Three Months' Systematic Course, including Laboratory work, in a recognised school.
- (b) Mental Diseases.
 A Three Months' Course in a recognised Institution where Clinical Instruction on Mental Diseases is given.
- (c) Practical Midwifery.
 Attendance for a period of six months at a recognised Midwifery Hospital, containing not less than fifteen beds in regular occupation where Clinical Instruction in Midwifery and Diseases of Women and Children is given, or for six months at a Midwifery Dispensary recognised by the Senate, where similar Clinical Instruction is given. During this period the Candidate is required to attend at least *twenty* Labours, of *ten* of which at least he must have had personal charge.
- (d) Ophthalmology and Otology. Attendance for a period of three months at a recognised Hospital, having at least ten beds devoted to diseases of the Eye and Ear.

(e) Fever Hospital.

Attendance during a period of *three* consecutive months at a Fever Hospital of repute, or in the Fever Wards of a General Hospital if not already attended.

(f) Attendance on at least six complete *post-mortem* examinations, if not already attended.

(g) Attendance for at least three months in a General Hospital as Clinical Clerk, and three months as Dresser; such attendance not to be simultaneous, if not already attended.

(h) Personal charge of at least ten Fever cases.

Printed Forms of all Certificates of Personal charge of cases may be had on application.

N.B.—The expression *personal charge* implies that the student fulfils towards the case the duties commonly assigned to a Clinical Clerk.

Attendance in a Fever Hospital, or on Fever Cases, must not take place during the period of attendance on Practical Midwifery and Gynæcology.

(i) Vaccination.

A short course of practical instruction under a Public Vaccinator. Printed Forms for this Certificate may be had on application.

Fifth Year.

Hospital Attendance. Attendance during a *Winter* Session of Six Months at a recognised General Hospital, and at the Clinical Lectures delivered therein.

EXAMINATIONS IN MEDICINE.

SCHEDULE OF MARKS.

First Examination.

	Marks.
1. Natural Philosophy,	100
2. Chemistry (Systematic),	100
3. Botany,	75
4. Zoology,	75

Second Examination.

5. Anatomy,	100
6. Physiology,	100
7. Chemistry (Practical),	100

Third Examination.

	Marks
8. Anatomy,	100
9. Physiology,	100
10. Materia Medica, Pharmacology, and Therapeutics, .	80
11. Clinical Medicine,	50
12. Clinical Surgery,	50

Medical Degrees Examination.

13. Medicine,	100
14. Surgery,	100
15. Midwifery,	100
16. Medical Jurisprudence,	50
17. Pathology,	50
18. Public Health,	50
19. Ophthalmology and Otology,	25

For the particulars of the foregoing subjects of Examination, Students are advised to consult the University pamphlet on Medicine, price 2d.

M.D. Degree.

Three Academical Years after Primary Degrees.

Subjects :

Medicine and Pathology.

M.Ch. Degree.

Three Academical Years after Primary Degrees.

Subjects :

Surgery, including Ophthalmology and Otology; Surgical Pathology, Surgical Anatomy and Operative Surgery, with the use of instruments and appliances.

M.A.O. Degree.

Three Academical Years after Primary Degrees.

Subjects :

Midwifery, Diseases of Women and Children, Pathology (use of instruments and appliances).

Diploma in Sanitary Science (conferred only on Graduates in Medicine of the University one year after obtaining the M.B., B.Ch., B.A.O. Degrees.)

Subjects:

Physics.
 Climatology.
 Chemistry.
 Geology.
 Sanitary Engineering.
 Hygiene, Sanitary Law, and Vital Statistics.

Diploma in Mental Diseases (conferred only on Graduates in Medicine of the University). The subjects are those prescribed for the Hutchinson Stewart Scholarship.

School of Engineering.*B.E. Degree.*

The Course shall be one of at least three years' duration. Candidates are required to pass the following Examinations:

The Matriculation Examination.
 The First University Examination.
 The First Professional Examination.
 The Second Professional Examination.
 The Degree Examination.

First Professional Examination.

One Academical Year after Matriculation. Candidates may pass this Examination at the same time as the First University Examination.

Subjects:

1. Mathematics.
2. Experimental Physics.
3. Systematic Chemistry.
4. Drawing and Descriptive Architecture.

Second Professional Examination.

One Academical Year after First Professional Examination.

Subjects:

1. Mathematics.
2. Mathematical Physics.
3. Practical Chemistry.
4. Practical Engineering.

B.E. Degree.

One Academical Year after Second Professional Examination.

Subjects :

1. Mathematical Physics.
2. Geology, including Physical Geography.
3. Civil Engineering.
4. Drawing.

Diploma in Engineering.

A Diploma in Engineering will be granted to any Candidate who, without having passed the Matriculation and First University Examination, passes the Two Professional and the Degree Examinations.

M.E. Degree.

One Academical Year after B.E.

Subjects :

1. Applied Natural Philosophy.
2. Engineering.

Degrees in Music.

B.Mus. Degree.

A Course of at least three years. Candidates must pass:—

- The Matriculation Examination.
- The First University Examination.
- The First Examination in Music.
- The Degree Examination.

D.Mus. Degree.

Three Academical Years after B.Mus.

The detailed accounts of the subjects of Royal University Examinations (which may vary from year to year) are to be found in the following publications:—

1. The Calendar of the Royal University, price 2s. 6d.
2. A pamphlet containing the Regulations for the various Examinations, price 4d.
3. Regulations for Medicine only, price 2d.

They may be had from the Publishers, Thom & Co., or at the Royal University Office, Dublin, or consulted in the Queen's College Library.

Table of University Fees.

	£	s.	d.	£	s.	d.
For the Matriculation Examination,				1	0	0
„ First University Examination,				1	0	0
„ Second University Examination in Arts,				1	0	0
„ B.A. Degree Examination,	1	0	0	3	0	0
Upon admission to Degree,	2	0	0			
For the M.A. Degree Examination,	2	0	0	4	0	0
Upon admission to Degree,	2	0	0			
For the D.Lit. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the D.Ph. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the B.Sc. Degree Examination,	1	0	0	4	0	0
Upon admission to Degree,	3	0	0			
For the D.Sc. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the Studentship Examination,				2	0	0
„ Junior Fellowship Examination,				2	0	0
„ First Professional Examination in Engineering,				1	0	0
„ Second Professional Examination in Engineering,				1	0	0
„ B.E. Degree Examination,	1	0	0	3	0	0
Upon admission to Degree,	2	0	0			
Upon admission to the Diploma in Engineering,				2	0	0
For the M.E. Degree Examination,	2	0	0	4	0	0
Upon admission to Degree,	2	0	0			
For the First Examination in Music,				1	0	0
„ B. Mus. Degree Examination,	1	0	0	3	0	0
Upon admission to Degree,	2	0	0			
For the D. Mus. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the First Examination in Medicine,				1	0	0
„ Second Examination in Medicine,				1	0	0
„ Third Examination in Medicine,				1	0	0
„ Examination for the M.B., B.Ch., B.A.O. Degrees,				2	0	0
„ Qualifying Certificate,				10	0	0
„ M.D. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the M.Ch. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the M.A.O. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			
For the Diploma in San. Science Examination,	2	0	0	5	0	0
Upon admission to Diploma,	3	0	0			
For the Examination for Hutchinson Stewart Mental Diseases Scholarship, and Diploma for Mental Diseases,	2	0	0	5	0	0
Upon admission to the Diploma,	3	0	0			
For the Medical Studentship Examination,				2	0	0
For the First Examination in Law,				1	0	0
„ LL.B. Degree Examination,	1	0	0	4	0	0
Upon admission to Degree,	3	0	0			
For the LL.D. Degree Examination,	2	0	0	5	0	0
Upon admission to Degree,	3	0	0			

N.B.—A Fee paid for any Examination cannot under any circumstances be returned, or made available for any Examination subsequent to or other than that for which it was paid.

The attention of Students is particularly directed to the notices specifying the last days for sending in notices of intention to be present at Examinations.

These dates will be found in the University Calendar, and posted on the College Notice Board.

Exhibitions, Medals, Scholarships, Studentships, and Fellowships in Arts.

1. Exhibitions.

At *Matriculation*—Ten First Class of £24 each, and twenty Second Class of £12 each.

At *First University Examination*—Ten First Class of £30 each, and twenty Second Class of £15 each.

At *Second University Examination*—Eight First Class of £36 each, and ten Second Class of £18 each.

At *B.A. Degree Examination*—Seven First Class of £42 each, and fourteen Second Class of £21 each.

2. Dr. Henry Hutchinson Stewart Scholarship in Arts.

Value £30 annually, tenable for 3 years, awarded in connection with Summer Examinations, on combined Honour marks, at Second University Examination in Arts in the year, and First University Examination in year preceding, in English and in a modern language.

3. Chancellor's Gold Medal for English Prose Composition (1895).

Limited to Graduates of not more than three years' standing.

4. Medals.

The Senate may award Gold Medals to those who take first place in any of the Courses appointed for M.A. Degree.

5. *English and Latin Verse Compositions.*

Two Gold Medals are offered annually for competition—the one for the best English Verse Composition, and the other for the best Latin Verse Composition. Each competitor must be either an Undergraduate or a Graduate of not more than one year's standing.

6. *Scholarships.*

Ten Scholarships are offered for competition in October, 1896, tenable for three years—five First Class, at £40 per annum, and five Second Class, at £20; two First Class and two Second for Classics; two First Class and two Second for Mathematics; and one First Class and one Second for Modern Literature.

They are open to all Students who, on the first day of the Scholarship Examination, shall be under twenty-one years of age, and who at the immediately preceding Matriculation Examination shall have gained Honours in those subjects respectively. They may be held with other University Exhibitions.

7. *Studentships.*

Five are offered annually for competition, value £100 per annum, tenable for three consecutive years. They are awarded in connection with M.A. Examinations.

Candidates must be under 26 years of age.

8. *Junior Fellowships.*

In October, 1896, there will be offered for competition among the Graduates in Arts of the University of not less than two years standing, three Junior Fellowships. Such Fellowships shall be tenable for four consecutive years, and shall be of the annual value of £200 each. Junior Fellows shall be bound to take part in the conduct of University Examinations.

Faculty of Law Prizes.

One First Class Exhibition of £20, and one Second Class Exhibition of £10, at First Examination in Law.

One Exhibition of £42, and one Exhibition of £21, at L.L.B. Degree Examination.

Engineering Exhibitions.

One First Class Exhibition of £30, and one Second Class of £15, at First Professional Examination.

One First Class of £36, and one Second Class of £18, at Second Professional Examination.

At B.E. Degree Examination, one First Class of £42, and one Second Class of £21.

Faculty of Medicine.

EXHIBITIONS.

At *First Examination in Medicine*—Two First Class of £20; two Second Class of £10.

At *Second Examination in Medicine*—Two First Class of £25; two Second Class of £15.

At *Third Examination in Medicine*—Two First Class of £30; two Second Class of £20.

At *Medical Degree Examination*—Two First Class of £40; two Second Class of £25.

TRAVELLING MEDICAL SCHOLARSHIP.

An Examination for this Scholarship, value £100, is held in October. The subjects are in rotation :—

1. Anatomy and Histology.
2. Physiology and Pathology.

DR. HENRY HUTCHINSON STEWART'S MEDICAL SCHOLARSHIPS.

One, value £10, tenable for three years in subjects of Second Examination in Medicine.

One, value £50, tenable for three years, for competition among Medical Graduates of not more than two years' standing, for proficiency in Mental Diseases.

MEDICAL STUDENTSHIP.

A Studentship in Medicine, value £200, tenable for two years, will be offered for competition among Graduates in Medicine of the University in October, 1896.

II.—UNIVERSITY OF LONDON.

All Candidates for Degrees in the University of London are required to pass the General Matriculation Examination.

DEGREES IN THE FACULTY OF ARTS.

Candidates for the Degree of B.A. are required to pass the Intermediate Examination in Arts, after the lapse of one Academical year from the date of passing the Matriculation Examination, and the Degree Examination after the lapse of one year from the date of passing the Intermediate Examination.

Candidates for the Degree of M.A. are admitted to the Examination after the lapse of an Academic year from the date of obtaining B.A., provided they have attained the age of twenty.

Candidates for the Degree of D. Lit. must have obtained the Degree of M.A. in the University, and will be admitted to the Examination for the Degree of D.Lit., at an interval of at least one Academical year from the date of the M.A. Examination.

Candidates will be admitted to the Intermediate B.Sc. Examination after the expiration of one Academical Year from the date of the Matriculation Examination, and to the B.Sc. Examination after the lapse of one further Academical Year. Two Academical years must elapse from date of the B.Sc. Examination before the Candidate can be admitted to the Examination for the Degree of D.Sc.

DEGREES IN THE FACULTY OF LAW.

No Candidates will be admitted to the Intermediate in Laws within eleven months from the date of this Matriculation Examination, nor to the LL.B. Degree Examination within less than two years from the date of his Intermediate LL.B. Examination, unless he have already graduated in one of the Faculties of the University, in which case he may be admitted after the lapse of one year.

No Candidate under the age of thirty will be admitted to the Examination for the Degree of LL.D. until after the expiration of two Academical years from the date of his passing the LL.B. Examination.

MEDICINE.

Bachelor of Medicine (M.B.)

Every Candidate for the Degree of Bachelor of Medicine shall be required:—

1. To have passed the Matriculation Examination in this University not less than five years previously.
2. To have passed the Preliminary Scientific (M.B.) Examination not less than four years previously.
3. To have been engaged in his Professional Studies during five years subsequent to Matriculation, and four years subsequent to passing the Preliminary Scientific Examination, at one or more of the Medical Institutions or Schools recognized by this University; one year, at least, of the four to have been spent in one or more of the recognized Institutions or Schools of the United Kingdom.
4. To pass two Examinations in Medicine.

Preliminary Scientific (M.B.) Examination.

No Candidate shall be admitted to this Examination unless he has passed the Matriculation Examination.

Intermediate Examination in Medicine.

No Candidate shall be admitted to this Examination unless he has passed the Preliminary Scientific Examination at least two years previously.

M.B. Examination.

No Candidate shall be admitted to this Examination within twenty-one months of the time of his passing the Intermediate Examinations.

A Candidate for the Degree of B.S. (Bachelor of Surgery) must have passed the Examination for the Degree of M.B.,

and produce certain required certificates. Candidates for the Degree of M.S. (Master in Surgery) must have taken the Degree of B.S. at least two years previously, and produce certain required certificates. Candidates for the Degree of M.D. must have taken the Degree of M.B. at least two years previously, and must produce certain required certificates.

Candidates for the Degree of M.D. in *State Medicine* must have taken the Degree of M.B. at least two years previously, and must produce certain required Certificates.

For further information see the Calendar of the University of London, which may be consulted in the College Library.

III.—ROYAL COLLEGES OF PHYSICIANS AND SURGEONS OF IRELAND, ENGLAND, AND SCOTLAND.

A.—*Conjoint Examinations in Ireland by the Royal College of Physicians and Royal College of Surgeons.*

1. Every Student must be registered in the books of the General Medical Council. No credit will be given for study, unless registration shall have been effected within fifteen days of its commencement.

Five years' Course (obligatory on all Candidates commencing their studies on or after 1st January, 1892).

First Professional Examination.

Subjects.

1. (a) Chemistry; (b) Physics. 2. Practical Pharmacy. 3. Elementary Biology. 4. Anatomy.

This Examination may be taken in four parts. Fee £15 15s.

Second Professional Examination.

Subjects.

1. Anatomy. 2. Histology. 3. Physiology. 4. Materia Medica.
Fee £10 10s.

Third Professional Examination.

Subjects.

1. Medicine. 2. Surgery. 3. Pathology. 4. Therapeutics. 5. Public Health and Forensic Medicine. Fee £9 9s.

Fourth (Final) Examination.

Subjects.

1. Medicine. 2. Surgery. 3. Operative Surgery. 4. Ophthalmic and Aural Surgery. 5. Midwifery. Fee £6 6s.

Full information may be had on application to the Secretary of Committee of Management, Royal College of Physicians, Kildare-street, Dublin.

B.—*Regulations of the Examining Board in England (Royal College of Physicians and Royal College of Surgeons), for Candidates who commenced their Professional Studies on or after 1st January, 1892.*

PROFESSIONAL EXAMINATIONS.

First Examination.

1. Chemistry and Physics. 2. Practical Pharmacy. 3. Elementary Biology.

This Examination may be taken in three parts at different times, or the whole may be taken at one time. Fee £10 10s.

Second Examination.

1. Anatomy. 2. Physiology. Fee £10 10s.

Third or Final Examination.

PART I.—Medicine, including Medical Anatomy, Pathology, Practical Pharmacy (if not previously passed), Pharmacology, Therapeutics, Forensic Medicine, and Public Health.

PART II.—Surgery, including Pathology, Surgical Anatomy, and the use of Surgical Appliances.

PART III.—Midwifery and Diseases of Women.
Fee (for whole Examination) £15 15s.

Synopses indicating the range of subjects in the several examinations, and full information as to the course of study required, and certificates prescribed, may be obtained of the Secretary, Examination Hall, Victoria Embankment, London, W.C.

C.—*Conjoint Examinations in Scotland of the Royal College of Surgeons and Royal College of Physicians, Edinburgh, and Faculty of Physicians, Glasgow (Triple Qualification), for Candidates who began study on or after 1st January, 1892.*

The principal changes effected in the new Regulations are, (1) the addition of one year to the period of study; (2) the addition of Elementary Biology, Physics, Diseases of the Eye, Insanity, and Fevers, to the obligatory subjects of study; (3) the extension of the Hospital attendance; (4) four Examinations take the place of three.

First Examination.

Elementary Biology, Physics, Chemistry. Fee £5.

Second Examination.

Anatomy and Physiology, including Histology. Fee £5.

Third Examination.

Pathology, Materia Medica, and Pharmacy. Fee £5.

Final Examination.

Medicine, Surgery, Midwifery and Gynæcology, Medical Jurisprudence, and Hygiene. Fee £15.

(The total Fee is raised to £30.)

The Registrar for Edinburgh is James Robertson, Esq., Solicitor, 1, George-square.

The Registrar for Glasgow is Alexander Duncan, Esq., Faculty Hall, St. Vincent-street, from whom full Programmes may be had.

IV.—REGULATIONS PRESCRIBED BY GENERAL MEDICAL COUNCIL RESPECTING MEDICAL COURSES IN AND AFTER 1892.

With regard to the Course of Study and Examinations which persons desirous of qualifying for the Medical Profession shall go through in order that they may become possessed of the requisite knowledge and skill for the efficient practice of the Profession, the General Medical Council have resolved that the following conditions ought to be enforced without

exception on *all* who commence their Medical Studies at any time after January 1, 1892 :—

(a) With the exception provided below, the period of Professional Studies between the date of Registration as a Medical Student and the date of Final Examination for any Diploma which entitles its bearer to be registered under the *Medical Acts*, must be a period of *bonâ fide* study during not less than five years.

The first four of the five years of Medical Study should be passed at a School or Schools of Medicine recognised by any of the Licensing Bodies, provided that the First Year may be passed at a University, or Teaching Institution, recognised by any of the Licensing Bodies, where the subjects of Physics, Chemistry, and Biology are taught.

The Examination in the Elements of Physics, Chemistry, and Biology should be passed before the beginning of the Second Winter Season.

The exception referred to above in (a) is as follows :—

Graduates in Arts or Science of any University recognised by the Medical Council, who shall have spent a year in the Study of Physics, Chemistry, and Biology, and have passed an Examination in these subjects for the Degrees in question, should be held to have completed the first of the five years of Medical Study.

V.—THE BAR.

Extract from Educational Regulations of the Honourable Society of King's Inns :—

XX. Graduates of the Queen's University in Ireland, Royal University of Ireland, Oxford, Cambridge, and London Universities, may qualify for call to the Bar by attending two continuous Courses of the Lectures of the two Professors at the King's Inns, and in the case of all such Graduates, except Graduates of the Royal University of Ireland, or of the London University, by attending for a year the Lectures of two of

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the Professors of Law in their respective Universities, and passing the Examinations (if any) held by the Professors at the end of each Course ; and in the case of Graduates of the Royal University of Ireland, by attending for one year the Lectures of two of the Professors of Law in one of the Queen's Colleges at Belfast, Cork, or Galway, and passing the like Examinations, if such be held, and in the case of Graduates of the University of London, by attending for one year the Lectures of two of the Professors of Law in University College, and passing the like Examinations if such be held.

VI.—EXAMINATION OF CANDIDATES FOR THE OFFICE OF INSPECTOR OF NATIONAL SCHOOLS.

1. A Competitive Examination, of nominated Candidates, for the office of Inspector of National Schools, will be held in the months of June (elementary) and August (advanced), 1896.

3. The Competitive Examination will be conducted by the Civil Service Commissioners, upon a programme—Elementary and Advanced Courses—approved by the Commissioners of National Education.

4. No candidate will be admitted to compete unless he shall have been approved as a fit person to be nominated by the Committee of Selection appointed for the purpose. Every Candidate desiring to compete must apply, in writing, to the Commissioners, for a nomination before the 10th day of March, 1896 ; before obtaining a nomination, he must furnish such evidence of his qualifications, good health, character, and conduct as may be required, and he must also present himself, at his own expense, when summoned, before the Committee of Selection at the National Education Office.

5. Candidates, not being National School Teachers or Inspectors' Assistants, must be between the ages of twenty-three and thirty-four years on the 1st January, 1897.

6. Each Candidate successful at the Competitive Examination must be prepared, before his appointment as Inspector,

to undergo a course of training (about six months) in the duties of Inspector and in subjects of a professional nature, and at the conclusion of such course to pass a qualifying Examination in professional subjects, hereinafter referred to as the Professional Examination. The Professional Examination will be conducted by the Officers of the Commissioners, and the course of training and the programme of the Professional Examination will be prescribed by the Commissioners from time to time.

9. Any Candidate unsuccessful at the Competitive Examination in 1896 will receive a second nomination if he continues otherwise qualified, provided his answering shall have been, in the opinion of the Commissioners, sufficiently meritorious. Under special circumstances, a third nomination may be granted, but no Candidate will be admitted to compete more than three times.

COURSE OF EXAMINATION FOR CANDIDATES FOR INSPECTORSHIPS UNDER THE BOARD OF NATIONAL EDUCATION, IRELAND.

There will be Two Examinations, viz. :—

- I. The Competitive Examination with two parts—Elementary and Advanced—in Subjects of *general culture*, to be conducted by the Civil Service Commissioners.
- II. The Professional Examination in *Professional Subjects*, to be conducted under the immediate direction of the Commissioners of National Education.

In the case of each Candidate the Commissioners constituting the “Committee of Selection” must be satisfied—

1. That his testimonials as to character and health are satisfactory.
2. That he expresses himself correctly and distinctly.
3. That he writes a fair legible hand.
4. That he spells accurately.
5. That, in the judgment of the Committee, he is a suitable Candidate for the office of an Inspector of National Schools.

SUBJECTS FOR THE LIMITED COMPETITIVE EXAMINATION HELD
BY THE CIVIL SERVICE COMMISSIONERS.

PART I.—ELEMENTARY COURSE.

	Marks.	
1. English Composition,	300	
2. English History and General Geography,	300	
3. Elementary Mathematics, viz. :—		
(a) Arithmetic,	400	}
(b) Algebra, up to and including the Binomial Theorem; the theory and use of Logarithms; also Mensuration of Surfaces and Solids,	300	
(c) Euclid. Books I. to IV. and VI.,	300	
(d) Plane Trigonometry, up to and including Solution of Triangles,	200	
4. Latin,	300	
5. French, } One or other of these Languages must be	300	}
6. German, } taken; both may be taken.	300	
7. Physics, Elementary Properties of Electricity, Magnetism, Heat, Light and Sound,	300	

Candidates must pass to the satisfaction of the Civil Service Commissioners in the subjects mentioned above.

PART II.—ADVANCED COURSE.

	Marks.
English Composition,	500
Greek Language and Literature,	750
Latin Language and Literature,	750
Irish Language and Literature,	500
English Language and Literature,	500
French Language and Literature,	500
German Language and Literature,	500
Mathematics (pure and applied),	900
Advanced Mathematical subjects (pure and applied)	900

Natural Science, *i.e.* any number not exceeding three of the following subjects :—

Elementary Chemistry,	300
(N.B.—This subject may not be taken up by those who offer Higher Chemistry).	
Higher Chemistry,	600

	Marks.
Higher Physics,	600
Geology,	600
Botany,	600
Zoology,	600
Animal Physiology,	600
Greek History (Ancient, including Constitution),	400
Roman History (Ancient, including Constitution),	400
English History,	500
General Modern History (period to be selected by Candidates from list in the syllabus issued by the Civil Service Commissioners),	500
Logic and Mental Philosophy (Ancient and Modern),	400
Political Economy and Economic History,	500

Candidates are at liberty to name any or all of those branches of knowledge. All Candidates must pass to the satisfaction of the Civil Service Commissioners in English Language and Literature.

The marks assigned to Candidates in each branch, except in Mathematics and English Composition, will be subject to such deduction as the Civil Service Commissioners may deem necessary, in order to secure that "a Candidate be allowed no credit at all for taking up a subject in which he is a mere smatterer."

J. C. TAYLOR, }
M. S. SEYMOUR, } *Secretaries.*

OFFICE OF NATIONAL EDUCATION,
MARLBOROUGH-STREET, DUBLIN,
Jan., 1896.

VII.—COUNTY SURVEYORSHIPS.

Regulations (framed in pursuance of the Acts 7th and 8th Victoria, cap. 106, and 25th and 26th Victoria, cap. 106) for Examinations for County Surveyorships or for District Surveyorships in Ireland.

I. The Examination consists of two parts, and will be in the following subjects, viz. :—

PART I.

	Maximum of Marks.
MATHEMATICS—including Geometry, Trigonometry, Algebra, Differential and Integral Calculus, and Geometrical Optics, }	100
MECHANICAL PHILOSOPHY—including Statics and Dynamics, Hydrostatics and Hydraulics, Pneumatics, and Heat regarded as a source of Power, }	100
EXPERIMENTAL SCIENCE—including Inorganic Chemistry, Heat, Electricity, and Magnetism, }	100
GEOLOGY AND MINERALOGY, }	40

No Candidate will be eligible who does not show some proficiency under one at least of the heads included in Part I.

PART II.

Strength and other Properties of Materials, and the Calculation of Stresses and Strains, }	100
(A.) RAILWAY AND CANAL ENGINEERING, }	140
(B.) MARINE ENGINEERING—including Harbour, Dock, Sea, and Reclamation Works, }	140
(C.) HYDRAULIC ENGINEERING—including Water Supply, Sewage, and Irrigation, }	140
(D.) COUNTY WORKS—including Architecture, Roads, Drainage, and River Works, }	140
	1000

* * * Each of the groups lettered A, B, C, D, to include Designs, Estimates, Specifications, and the mechanical contrivances connected with it; and Candidates will be required to show that they have been engaged in the practice of their profession in a responsible position, in charge of important works, for not less than four years, one of which, at least, shall have been spent in Ireland. Applications must be sent in before 18th September, 1896: the Examination will be held in Dublin, in October, 1896.

II. No Candidate will be eligible whose age on the first day of the Examination is less than 26 or more than 40.

CIVIL SERVICE COMMISSION,
27th August, 1895.

VIII.—MEDICAL COMMISSIONS IN THE ARMY, NAVY, AND INDIAN SERVICES.

Limits of Age, 21-28 at date of Examination.

Candidates, who must be registered as qualified to practise Medicine and Surgery, will be examined in the following compulsory subjects, and the highest marks attainable will be distributed as follows :—

	Marks.
(a) Medicine, including the Diseases of Women and Children,	1000
(b) Surgery,	1000
(c) Anatomy and Physiology,	1000
(d) Chemistry and Materia Medica, with a practical knowledge of drugs,	1000

N.B.—The Examination in Medicine and Surgery will be in part practical, and will include operations on the dead body, the application of Surgical apparatus, and the examination of Medical and Surgical patients at the bedside. The Examination in Chemistry will be limited to the elements of the science, and to its application to Medicine, Pharmacy, and Practical Hygiene; and the Examination in Materia Medica will include a knowledge of the Physiological actions and Therapeutical uses of drugs.

No Candidate shall be considered eligible who shall not have obtained at least *one-third* of the maximum marks in each of the above *compulsory subjects*. For the Army, and India, one-half of the aggregate of marks for *all* the compulsory subjects must be obtained, as well as a minimum of one-third in each compulsory subject.

5. Candidates may be examined in the following voluntary subjects, for which the maximum number of marks obtainable will be :—

	Marks.
Biology, Physics, and Physical Geography (100 each),	300
French and German (150 each),	300

Candidates for India may add Hindustani (150 marks) to the language group.

A number less than one-third of the marks obtainable in each of these *voluntary subjects* will not be allowed to count in favour of the Candidate who has qualified in the *compulsory subjects*.

The knowledge of Modern Languages being considered of great importance, all intending competitors are urged to qualify in French and German.

The Natural Sciences will include Biology, Physics, and Physical Geography.

Candidates will be examined in all, or any, of these sciences. Candidates who qualify in the compulsory subjects will be allowed to count marks in those of the three sciences only in which they obtain one-third of the maximum marks for each.

N.B.—The Examination in Biology will include the general principles of the science; structure and life-histories of the chief animal and vegetable parasites; bacteria and their relation to disease; distinctive characters of the important groups of animals, with a special knowledge of the vertebrata; the elements of embryology; the general morphology and physiology of flowering plants; diagnosis of the chief British natural orders; medicinal plants.

The Examination in Physics will be limited to general principles of mechanics, acoustics, optics, heat, magnetism and electricity, such as:—the properties of solids, liquids, and gases; conservation of energy, specific gravity, propagation and reflection of sound and light, temperature, specific and latent heat, thermometers, conduction of heat, properties of mirrors and lenses, chromatic dispersion of light, chief forms of batteries; Faradaic, galvanic, and frictional electricity; general properties of magnets.

The Examination in Physical Geography will be limited to general principles, such as the relations of the earth to the rest of the solar system, movements of the earth, nature of the earth's crust, and the chief kinds of rocks, general configuration of land and water, mountain ranges, plains, lakes, rivers, islands, glaciers, and icebergs, the ocean currents, tides, the earth's atmosphere, winds and storms, dew, clouds, rain, climate, general distribution and nature of volcanoes, earthquakes, general distribution of animal and vegetable life.

MEDICAL COMMISSIONS.

Further information may be had from the following authorities:—

NAVY:—Director - General, Medical Department, Admiralty, Northumberland-avenue, London, W.C.

ARMY:—Adjutant-General to the Forces, Horse Guards, War Office, Pall Mall, London, S.W.

INDIA:—Military Secretary, India Office, Westminster, London, S.W.

IX.—HOME CIVIL SERVICE.

CLERKSHIPS (CLASS I).—REGULATIONS.

1. The limits of age for these situations are 22 and 24, and Candidates must be of the prescribed age on the first day of the Competitive Examination.

EXTRACT FROM THE REGULATIONS RESPECTING OPEN COMPETITIVE EXAMINATIONS FOR CLERKSHIPS (CLASS I.) IN THE CIVIL SERVICE.

“Out of the list resulting from each Examination will be filled (provided there be Candidates duly qualified):—

- (a) All the vacancies in Class I. which may have been reported to the Civil Service Commissioners up to the date of the commencement of the Examination.
- (b) Such other vacancies (being in the ‘New Higher Division of the Playfair Scheme’) as the Civil Service Commissioners, with the approval of the Lords of the Treasury, shall estimate as likely to occur before the expiration of six months from the commencement of the Examination.
- (c) Any additional vacancies occurring within the same period, which the Head of the Department may desire to have so filled.

Candidates will be allowed to choose, according to their place on the list, among the vacancies (a) for which they are duly qualified; or they may elect to wait for a vacancy (b), or for the chance of a vacancy (c). When vacancies (b) or (c) occur, they will be offered in rotation to the qualified Candidates then on the list, who will be free to decline them

without forfeiting their claim to subsequent vacancies (b) or (c).”

The next subsequent Examination will be held in August, 1896—if any vacancies for Class I. Clerkships be then announced or expected—concurrently with the Open Competition for the Civil Service of India, and the subjects of Examination for the Home Service will then, and in future, be substantially identical with those prescribed for the Indian Service.

Further information with regard to appointments in the Post Office, War Office, and Admiralty, may be obtained on application to the Secretary, Civil Service Commission, London, S.W.

X.—CIVIL SERVICE OF INDIA.

No person will be deemed qualified who shall not satisfy the Civil Service Commissioners :—(i.) That he is a natural-born subject of Her Majesty. (ii.) That his age will be above twenty-one years and under twenty-three years on the 1st day of the year in which the Examination is held. (iii.) That he has no disease, constitutional affection, or bodily infirmity unfitting him, or likely to unfit him, for the Civil Service of India. (iv.) That he is of good moral character.

For the Examination commencing on the 3rd August, 1896, application must be made on the prescribed form on or before the 1st June, 1896. Further information with regard to appointments in the Post Office, War Office, and Admiralty, may be obtained on application to the Secretary, Civil Service Commission, London, S.W.

Should the evidence upon the above points be *prima facie* satisfactory to the Civil Service Commissioners, the Candidate, on payment of the prescribed fee will be admitted to the examination.

The Open Competitive Examination will take place only in the following branches of knowledge :—

	Marks.
English Composition,	500
Sanskrit Language and Literature,	500
Arabic, ditto, ditto,	500
Greek, ditto, ditto,	750
Latin, ditto, ditto,	750
English, ditto, ditto (including special period named by the Commissioners),	500

	Marks.
French Language and Literature,	500
German, ditto, ditto,	500
Mathematics (pure and applied),	900
Advanced Mathematical subjects (pure and applied),	900

Natural Science, *i.e.* any number not exceeding *three* of the following subjects:—

Elementary Chemistry and Elementary Physics,	} 600 each = 1800
(N.B.—This subject may not be taken up by those who offer either Higher Chemistry or Higher Physics.)	
Higher Chemistry,	
Higher Physics,	
Geology,	
Botany,	
Zoology,	
Animal Physiology,	

Greek History (Ancient, including Constitution),	400
Roman History (ditto, ditto),	400
English History,	500
General Modern History (period to be selected by Candidates from list in the Syllabus issued by the Commissioners, one period at least to include Indian History),	500
Logic and Mental Philosophy (Ancient and Modern),	400
Moral Philosophy (Ancient and Modern),	400
Political Economy and Economic History,	500
Political Science (including Analytical Jurisprudence, the Early History of Institutions, and Theory of Legislation),	500
Roman Law,	500
English Law. Under the head of "English Law" shall be included the following subjects, <i>viz.</i> :— (1) Law of Contract; (2) Law of Evidence; (3) Law of the Constitution; (4) Criminal Law; (5) Law of Real Property; and of these five subjects Candidates shall be at liberty to offer any four, but not more than four,	500

Candidates are at liberty to name any or all of these branches of knowledge. No subjects are obligatory.

The marks assigned to Candidates in each branch will be subject to such deduction as the Civil Service Commissioners may deem necessary, in order to secure that "a Candidate be allowed no credit at all for taking up a subject in which he is a mere smatterer." Marks assigned in English Composition and Mathematics will be subject to no deduction. Each science will, for the purpose of deduction, be treated

as a separate subject. The Examination will be conducted on paper and *vivâ voce*.

The Candidates who obtain the greatest aggregate number of marks will be deemed to be selected Candidates for the Civil Service of India, provided they appear to be in other respects duly qualified.

Should any of the selected Candidates become disqualified, the Secretary of State for India will determine whether the vacancy shall be filled up or not. In the former case, the Candidate next in order of merit, and in other respects duly qualified, shall be deemed to be a selected Candidate.

Forest Service of India.

(Limits of Age, 17-20.)

The Examination usually takes place towards the end of June.

SUBJECTS OF EXAMINATION.

Class I.—Obligatory Subjects.

[In each of these subjects a Candidate must obtain not less than one-third of full marks in order to qualify.]

	Marks.
1. Mathematics (lower), viz. Algebra up to and including the Binomial Theorem; the Theory and the Use of Logarithms; Euclid, Books I. to IV. and VI.; Plane Trigonometry up to and including the Solution of Triangles; and Mensuration,	2500
2. English Composition,	1000
3. German (400 for colloquial),	2000

Class II.—Optional Subjects.

[A Candidate may take any two, but not more than two, of the optional subjects.]

	Marks.
4. Mathematics (higher), including Analytical Geometry, Conic Sections, Statics, and Dynamics,	2000
5. French (400 for colloquial),	2000
6. Latin,	2000
7. Greek,	2000

	Marks.
8. English History. There will be set—one General Paper; one Paper limited to a fixed period, which will be from the year 1702 to the year 1788 for the Examination in 1896,	2000
*9. Botany, viz. the Elementary parts of Vegetable Morphology, Histology, and Physiology, and the Principles of a Natural System of Classification as illustrated by the more important British natural orders. Candidates will be desired to describe plants in technical language. Questions will not be set on Vegetable Palæontology or on the Geographical Distribution of Plants,	2000
*10. Chemistry, viz. the Elements of Inorganic Chemistry,	2000
*11. Physics. Elementary properties of Electricity, Magnetism, Heat, Light, and Sound,	2000
*12. Physical Geography and Geology, chiefly Economic; including the recognition of the more familiar minerals and rocks, and their properties and uses,	2000

With a view to prevent parents and guardians from incurring the inconvenience and expense of preparing unfit Candidates, it is suggested that the Family Medical Adviser should be consulted with regard to following points:—

1. Weak constitution.
2. Defective vision.
3. Impaired hearing.
4. Congenital defects.

[This private examination in no way influences the official examination.]

Class III.—Additional Subjects.

- † 13. Freehand Drawing.
- † 14. Geometrical Drawing.

An applicant must be a natural-born British subject, and must be above 17 and under 20 years of age on the 1st June of the year in which he competes for an appointment.

Selected Candidate will enter the Forest Service branch of the Royal Indian Engineering College, Cooper's Hill.

* Examination partly practical.

† Either or both of these subjects may be taken in addition to the obligatory and the two optional subjects.

Eastern Cadetships.

The Examination in 1896 may take place in the month of August, simultaneously with the Examination for the Civil Service of India. Candidates must be between the ages of 21 and 24 on the 1st day of August in the year in which the Examination is held.

The Cadets are required to devote themselves for a certain time to learning the native languages in Ceylon, Hong Kong, and the Straits Settlements.

No Candidate will be admitted to the competition who has not previously passed, to the satisfaction of the Civil Service Commissioners, a Preliminary Examination in Handwriting, Orthography, and Arithmetic (including vulgar and decimal fractions).

For particulars apply to Secretary, Civil Service Commission, London, S. W.

REGULATIONS FOR ADMISSION TO THE INDIAN POLICE FORCE
THROUGH A COMPETITIVE EXAMINATION IN LONDON IN
JUNE, 1896.

The Examination will be simultaneous with, and in the same subjects and papers as, the Examination for the Indian Forest Department, which is usually held in June.

Candidates must be British-born or naturalized British subjects. They must be above 19 and under 21 years of age on the 1st of June, 1896. They must be unmarried, and if they marry before reaching India, they will forfeit their appointments.

Candidates must send to the Secretary, Judicial and Public Department, India Office, on or before 15th May, 1896 :—

- (a) Information as to their names and parentage, certificates (or other satisfactory evidence) of the date of their birth, and the written consent of parent or guardian to their Candidature.
- (b) A statement of the places at which they have been educated, accompanied by testimonials of good conduct during the last four years.
- (c) An intimation of their wishes as to the Province or Provinces in which they would prefer to serve, and of any special reasons for such preference.

Candidates will be required to appear before a Medical Board at the India Office and to undergo a strict Examination as to their physique and capacity for active out-door work in the plains of India.

Selected Candidates will be examined by the Civil Service Commissioners as to their ability to ride, and will be required to produce :—

- (a) A Certificate from the Civil Service Commissioners that they are able to ride well and to perform journeys on horseback ; or

(b) A Certificate from the Civil Service Commissioners of minimum proficiency in riding.

In the latter case they will be subjected, on their arrival in India, to such further tests in riding as may be prescribed by their Government, and will not be appointed Assistant Superintendents of Police until they shall have passed such tests to the satisfaction of their Government.

The probationer will be required to start for India not later than October, 1896.

INDIA OFFICE, *September*, 1895.

STUDENT INTERPRETERS (China, Japan, and Siam) are also selected by open Competition.

Full regulations for all Home and Indian Competitions may be obtained on application to—

THE SECRETARY, Civil Service Commission,
London, S.W.

EXAMINATION PAPERS, 1895-96.

MATRICULATION.

LATIN.

Examiner.—PROFESSOR SANDFORD, M.A.

1. Translate into Latin :—

(a) We must inquire which of the two laid a plot for the other.

(b) When will that dagger which he received from Catiline rest ?

(c) Whoever thinks that Annius should be pardoned values the speech highly.

2. (a) Conjugate the Latin verbs from which these words come :—volition, fixture, accept, victual, mortal, fiction, division.

(b) Construct two sentences illustrating uses of *quin*.

(c) Give examples of three uses of the *genitive*.

(d) Decline *domus, fides, ipse, pecus*.

(e) What words of the 4th decl. take *-ubus* in the dat. and abl. plur. ?

3. (a) What was the date of Cicero's consulship ? Name five eminent men living at the time.

(b) Give an account of the Social War, *or* of the Second Macedonian War.

(c) Name in order the conquests by which the Mediterranean became a 'Roman Lake.'

(d) What were the public and private rights of a Roman citizen ?

(e) Dates and results of the battles :—Lake Vadimo, Actium, Metaurus, Pharsalus, Sentinum.

ENGLISH.

Examiner—THE PRESIDENT.

1. Describe, in a general way, the argument of Book VII. of *Paradise Lost*.

2. Quote the lines in which Milton describes 'the master work' of creation.

3. Explain the following words, giving etymologies, and accentuating when necessary:—*Aleian* field, *quintessence*, *empyrean*, *empyrean*, *torrent*, *rapture*, *crystalline*, *hyaline*.

4. Quote the description of Samuel Taylor Coleridge from *Christ's Hospital Thirty-five Years ago*.

5. How were the 'Isles of Greece' divided in ancient times?

6. Give the names and positions of the chief islands in the Mediterranean.

FRENCH.

Examiner—PROFESSOR STEINBERGER, M.A.

1. Write in the feminine—*supérieur*, *inférieur*, *heureux*, *chaste*, *jeune*, *vieux*, *fou*, *lui-même digne*.

2. Write in the singular—*ne sont-ils pas* ; *nous nous levons* ; *ils prennent* ; *pour eux* ; *ils se détachèrent* ; *pourront-ils* ; *souvenez-vous* ; *achetez-en*.

3. Conjugate the present indicative of—*faire*, *guérir*, *se rappeler*, *savoir*, *vouloir*.

4. Give the rules about the formation of adverbs in French.

5. Translate—Return the book to him ; do not give it to her.

State how you construe two personal pronouns governed by a verb in the imperative.

6. How is the plural of compound substantives formed in French? Form the plural of—*timbre-poste*, *bel-esprit*, *grand'mère*, *Hotel-Dieu*, *prêtre-cardinal*.

ESTHER.

7. Write a short analysis of Racine's *Esther*.

8. Translate into French :—

EASY SENTENCES.

(a) I and my brother were studying from morning to night.

(b) This room is too hot ; let us go out, therefore, and walk along the strand.

(c) We were in the country the day before yesterday, and enjoyed ourselves immensely.

(d) Will you dine with us to-morrow ? Many thanks, I cannot accept your kind invitation.

(e) Good morning ! Already so early in the garden. At what o'clock did you rise ?

MATHEMATICS.

Examiner—PROFESSOR DIXON, M.A.

1. Simplify

$$\left(\frac{\frac{2}{3} + \frac{5}{8}}{\frac{2}{3} - \frac{5}{8}}\right)^2 - 5\frac{1}{4} \times 18\frac{2}{7} \times 6\frac{2}{8} \div \left(\frac{5}{8} + \frac{1}{5}\frac{1}{5}\right).$$

2. Find the true discount on a bill for £673 1s. due 5 months hence at $3\frac{1}{2}$ per cent.

3. Find the number with four places of decimals that is nearest to the square root of 7.

4. Divide $x^7 + x$ by $x^2 - x + 1$.

5. Simplify $\frac{(x+3)^3 - (x-3)^3}{(x+1)^3 + (x-1)^3}$.

6. Solve the equation

$$\frac{x+5}{x+3} = \frac{x-6}{x-9}.$$

7. Parallelograms on the same base and between the same parallels are equal in area.

8. If a straight line is bisected and also divided unequally the sum of the squares on the unequal parts is twice the sum of the squares on one of the equal parts and on the line between the points of division.

9. Any straight line drawn from the end of a radius of a circle, and not perpendicular to it, must cut the circle.

(*For Engineering Students.*)

10. The internal bisector of any angle of a triangle divides the opposite side into parts which are proportional to the conterminous sides.

NATURAL PHILOSOPHY.

Examiner--PROFESSOR ANDERSON, M.A.

1. State the proposition known as the *parallelogram of forces*. Two forces of 6 lbs. and 12 lbs. respectively act at a point and make an angle with each other of 120° ; find their resultant.

2. A heavy particle rests on a smooth plane inclined at 45° to the horizontal, and is supported by a force acting up the plane. Compare this force with the weight of the particle.

3. Define *momentum* and *acceleration*. A mass of 2 lbs. moves from rest with an acceleration of 20 ft.-second units; find its momentum at the end of 3 seconds.

4. Define *kinetic energy*. Find in foot-pounds the kinetic energy of a mass of 3 lbs. when moving with a speed of 8 ft. per second.

5. Describe the mercury barometer, and show how to calculate the pressure of the atmosphere from the observed height of the mercury in it.

6. A spherical vessel, with a small opening at the top, is filled with water; find the whole pressure on the internal surface, the radius being one foot.

LITERARY SCHOLARSHIP OF THE FIRST YEAR.

GREEK.—FIRST PAPER.

Examiner—PROFESSOR D'ARCY W. THOMPSON, M.A.

1. Translate the following passages :—

I.

“Ὡς φάτο, τοῖσι δὲ θυμὸν ἐνὶ στήθεσσι δρινην
πᾶσι μετὰ πληθὺν ὅσοι οὐ βουλῆς ἐπάκουσαν.
κινήθη δ' ἀγορῆ φῆ κύματα μακρὰ θαλάσσης,
πόντου Ἰκαρίοιο, τὰ μὲν τ' Εὐρὸς τε Νότος τε
ῶρορ' ἐπαίξας πατρὸς Διὸς ἐκ νεφελῶν.
ὡς δ' ὅτε κινήσῃ Ζέφυρος βαθὺ λήϊον ἐλθὼν,
λάβρος ἐπαιγίζων, ἐπὶ τ' ἡμῦι ἀσταχέουσιν,
ὡς τῶν πᾶσ' ἀγορῆ κινήθη. τοὶ δ' ἀλαλητῶ
νῆας ἔπ' ἐσσεύοντο, πόδων δ' ὑπένερθε κοινή
ἴστατ' ἀειρομένη· τοὶ δ' ἀλλήλοισι κέλευον
ἄπτεσθαι νηῶν ἢ δ' ἐλκέμεν εἰς ἄλα διᾶν,
οὐρούς τ' ἐξεκάθαιρον· αὐτῇ δ' οὐρανὸν ἴκεν
οἴκαδε ἰεμένων· ὑπὸ δ' ἦρεον ἔρματα νηῶν.

HOMER, *Iliad*.

II.

ἄνδρες φίλοι, τὸ πρῶτον ἀγγεῖλαι θέλω,
Τεῦκρος πάρεστιν ἄρτι Μυσίων ἀπὸ
κρημνῶν· μέσον δὲ προσμολῶν στρατήγιον
κυδάζεται τοῖς πᾶσιν Ἀργείοις ὁμοῦ.
στείχοντα γὰρ πρόσωθεν αὐτὸν ἐν κύκλῳ
μαθόντες ἀμφέστησαν, εἴτ' ὀνειδέσιν
ἦρασσον ἔνθεν κᾶνθεν οὔτις ἔσθ' ὅς οὔ,
τὸν τοῦ μανέντος κᾶπιβουλευτοῦ στρατῶ
ξύναιμον ἀποκαλοῦντες, ὡς οὐκ ἀρκέσοι
τὸ μὴ οὐ πέτροισι πᾶς καταξανθεὶς θανεῖν.
ὥστ' ἐς τοσοῦτον ἦλθον ὥστε καὶ χεροῖν
κολεῶν ἐρυστὰ διεπεραιώθη ξίφη.

λήγει δ' ἔρις δραμοῦσα τοῦ προσωτάτω
 ἀνδρῶν γερόντων ἐν ξυναλλαγῇ λόγου.
 ἀλλ' ἡμῖν Αἴας ποῦ 'στιν, ὡς φράσω τάδε ;
 τοῖς κυρίοις γὰρ πάντα χρῆ δηλοῦν λόγον.

SOPHOCLES, *Ajax*.

III.

ἂν δ' ἐκεῖνα Φίλιππος λάβῃ, τίς αὐτὸν κωλύσει δεῦρο βαδίζειν ;
 Θηβαῖοι ; οἷ, εἰ μὴ λίαν πικρὸν εἰπεῖν, καὶ συνεισβαλοῦσιν
 ἐτοίμως. ἀλλὰ Φωκεῖς ; οἱ τὴν οἰκείαν οὐχ οἰοί τ' ὄντες φυλάτ-
 τειν, ἐὰν μὴ βοηθήσῃθ' ὑμεῖς. ἢ ἄλλος τις ; ἀλλ', ὦ τᾶν, οὐχὶ
 βουλήσεται. τῶν ἀτοπωτάτων μέντ' εἴη, εἰ ἂ νῦν ἀνοιαν
 ὀφλισκάνων ὁμως ἐκλαλεῖ, ταῦτα δυνηθεῖς μὴ πράξει. ἀλλὰ
 μὴν ἡλίκα γ' ἐστὶ τὰ διάφορα ἐνθάδ' ἢ ἐκεῖ πολεμεῖν, οὐδὲ λόγον
 προσδεῖν ἡγοῦμαι. εἰ γὰρ ὑμᾶς δεήσειεν αὐτοὺς τριάκοντα
 ἡμέρας μόνας ἔξω γενέσθαι καὶ ὅσα ἀνάγκη στρατοπέδῳ χρωμέ-
 νους τῶν ἐκ τῆς χώρας λαμβάνειν, μηδενὸς ὄντος ἐν αὐτῇ πολε-
 μίου λέγω, πλέον ἂν οἶμαι ζημιωθῆναι τοὺς γεωργοῦντας ὑμῶν
 ἢ ὅσα εἰς ἅπαντα τὸν πρὸ τοῦ πόλεμον δεδαπάνησθε. εἰ δὲ δὴ
 πόλεμός τις ἦξει, πόσα χρῆ νομίσαι ζημιώσεσθαι ; καὶ πρόσσεσθ'
 ἢ ὕβρις καὶ ἔτι ἢ τῶν πραγμάτων αἰσχύνῃ, οὐδεμιᾶς ἐλάττων
 ζημία τοῖς γε σώφροσιν.—DEMOSTHENES.

IV.

Τούτων, ὦ ἄνδρες Ἀθηναῖοι, τῶν ἀνεγνωσμένων ἀληθῆ μὲν
 ἐστὶ τὰ πολλὰ, ὡς οὐκ ἔδει, οὐ μὴν ἀλλ' ἴσως οὐχ ἠδέα ἀκούειν.
 ἀλλ', εἰ μὲν, ὅσα ἂν τις ὑπερβῇ τῷ λόγῳ, ἵνα μὴ λυπήσῃ, καὶ τὰ
 πράγματα ὑπερβήσεται, δεῖ πρὸς ἠδονὴν δημηγορεῖν· εἰ δ' ἢ
 τῶν λόγων χάρις, ἂν ἢ μὴ προσήκουσα, ἔργῳ ζημία γίγνεται,
 αἰσχρὸν ἐστὶ φενακίζειν ἑαυτοὺς, καὶ ἅπαντ' ἀναβαλλομένους ἂ
 ἂν ἢ δυσχερῆ πάντων ὑστερεῖν τῶν ἔργων, καὶ μηδὲ τοῦτο δύνα-
 σθαι μαθεῖν, ὅτι δεῖ τοὺς ὀρθῶς πολέμῳ χρωμένους οὐκ ἀκολουθεῖν
 τοῖς πράγμασιν, ἀλλ' αὐτοὺς ἔμπροσθεν εἶναι τῶν πραγμάτων,
 καὶ τὸν αὐτὸν τρόπον ὡσπερ τῶν στρατευμάτων ἀξιώσειέ τις ἂν
 τὸν στρατηγὸν ἡγεῖσθαι, οὕτω καὶ τῶν πραγμάτων τοὺς βουλευο-
 μένους, ἵν' ἂ ἂν ἐκείνοις δοκῇ, ταῦτα πράττηται καὶ μὴ τὰ συμ-
 βάντα ἀναγκάζωνται διώκειν.—*Ibid.*

Unprescribed Passage.

2. Translate the following passage, which concludes the account of the Battle of Corinth, in which the Lacedæmonians were successful against a formidable combination of allies:—

αὐτοὶ δὲ οἱ Λακεδαιμόνιοι ὅσον τε κατέσχον τῶν Ἀθηναίων ἐκράτησαν καὶ κυκλωσάμενοι τῷ ὑπερέχοντι πολλοὺς ἀπέκτειναν αὐτῶν, καὶ, ἅτε δὴ ἀπαθείς ὄντες, συντεταγμένοι ἐπορεύοντο· καὶ τὰς μὲν τέτταρας φυλὰς τῶν Ἀθηναίων πρὶν ἐκ τῆς διώξεως ἐπαναχωρῆσαι παρήλθον, ὥστε οὐκ ἀπέθανον αὐτῶν πλὴν εἴ τις ἐν τῇ συμβολῇ ὑπὸ Τεγεατῶν· τοῖς δ' Ἀργείοις ἐπιτυγχάνουσιν οἱ Λακεδαιμόνιοι ἀναχωροῦσι, καὶ μέλλοντος τοῦ πρώτου πολέμαρχου ἐκ τοῦ ἐναντίου συμβάλλειν αὐτοῖς, λέγεται ἄρα τις ἀναβοῆσαι παρῆναι τοὺς πρώτους.—XENOPHON, *Hellenics*.

GREEK.—SECOND PAPER.

Examiner—PROFESSOR D'ARCY W. THOMPSON, M.A.

HISTORY AND LITERATURE.

1. Name a Greek play of which the story or subject is taken from the *Iliad*.

2. If a Greek play were to be now represented in every way according to ancient usage, what are the particulars that would chiefly strike a modern spectator?

3. Give the constituent parts that go to make up the *Odyssey*.

4. Name three Athenian notabilities of the first rank that died a natural death.

5. Give the particulars of the battle of Amphipolis which was fought in the first period of the Peloponnesian War.

6. Give the date of the battle of Corinth, and describe the condition of the Hellenic world at and about the time when that engagement took place.

GRAMMAR; RULES OF SYNTAX; IDIOMATIC CONSTRUCTIONS.

7. 'Several words in *ος* of the second declension, being names of *mineral* or *earthy* substances, are irregular in gender, *i.e.* are feminine.' Give three instances.

8. What is there peculiar and noteworthy in the formation of the word *τεθνήξω*?

9. 'A few verbs beginning with a vowel take the syllabic augment.' Give three instances.

10. 'Seven verbs in *ωω* take *η* instead of *α* in the contract forms.' Give three instances.

11. When is the third person singular, present indicative, of *εἶναι* written with the regular accent?

12. 'Compound nouns may be classified as—(a) Determinative compounds, and (b) Possessive compounds.' Give two instances of either class.

13. Translate the following sentences, and point out, if requisite, what there is deserving of notice in the construction of the several sentences:—

(a) *διὰ φιλίας τῆς χώρας ἀπάξει ἡμᾶς.*

(b) *Ἀθηναῖός ἐστι, πόλεως τῆς μεγίστης.*

(c) *ἦλιον μαρτυρόμεσθα, δρώσ' ἃ δρᾶν οὐ βούλομαι.*

(d) *μὴ παῖδας περὶ πλείονος ποιοῦ πρὸ τοῦ δικαίου.*

(e) *ἐν τοῖς πρῶτοι οἱ Ἀθηναῖοι τὸν σίδηρον (τὰ ὄπλα) κατέθεντο.*

(f) *ὀλοῦμαι μὴ μαθῶν.*

(g) *εἴ τι μὴ φέρομεν, ὠτρυνεν φέρειν.*

(h) *εἰ μὴ ταῦτα ποιεῖς, οὐ καλῶς ἔχει.*

(i) *οἱ Ἕλληνες, οὐκ ἤδεσαν τὸν Κῦρον τεθηγκότα.*

(j) *ἔλεξαν ὡς ὁ βασιλεὺς πάντα ἴδοι.*

(k) *νομίζεις εἶναι φρόνιμος.*

(l) *τίς οὕτως εὐήθης ἐστὶν ὑμῶν ὅστις ἀγνοεῖ ταῦτα.*

COMPOSITION.

14. Render into Greek prose the following:—

For the next three months the preparations for the war were pressed on with the greatest ardour. Young and old,

rich and poor, all vied with one another to obtain a share in the expedition. Five years of comparative peace had accumulated a fresh supply both of men and money; and the merchants of Athens embarked in the enterprise as in a trading expedition. It was only a few of the wisest heads that escaped the general fever of excitement. The expedition was on the point of sailing when a sudden and mysterious event converted all these exultant feelings into gloomy foreboding.

LATIN.—FIRST PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate into English :—

I.

Sed propior interpres fatis oblatuſ senior quidam Veienſ, qui inter cavillanteſ in ſtationibuſ ac cuſtodiis militeſ Romanos Etruſcoſque vaticinantieſ in modum cecinit, priuſquam ex lacu Albano aqua emiſſa foret, numquam potiturum Veieſ Romanum. Quod primo velut temere iactuſ ſperni, agitari deinde ſermonibuſ coeptuſ eſt, donec unuſ ex ſtatione Romana percunctatuſ proximuſ oppidanorum—iam per longinquitatem belli commercio ſermonuſ factuſ—quiſnam iſ eſſet qui per ambageſ de lacu Albano iaceret, poſtquam audivit haruſpicem eſſe, vir haud intacti religione animi, cauſatuſ de privati portenti procuratione ſi operae illi eſſet conſulere velle, ad colloquiuſ vatem elicituſ.—LIVY.

II.

Romani, quum pars maior ex acie Veioſ petiſſet quam Romam, nemo ſuperreſſe quemquam praeter eoſ qui Romam refugerant crederet, complorati omneſ pariter vivi mortuique totam prope urbem lamentieſ impleverunt. Privatoſ deinde luctuſ ſtupefecit publicuſ pavor, poſtquam hoſteſ adreſſe nuntiatuſ eſt. Mox ululatuſ cantuſque diſſonoſ vagantibuſ circa moenia turmatim barbarieſ audiebant. Omne inde tempuſ ſuſpenſoſ ita tenuit animoſ uſque ad lucem alteram, ut identidem iam in urbem futuruſ videretur impetuſ, primo adventuſ, quia acceſſerant ad urbem—

mansuros enim ad Aliam fuisse nisi hoc consilii foret—: deinde sub occasum solis, quia haud multum diei supererat, ante noctem rati se invasuros, tum in noctem dilatum consilium esse, quo plus pavoris inferrent: postremo lux adpropinquans exanimare: timorique perpetuo ipsum malum continens fuit, quum signa infesta portis sunt illata.—*lb.*

III.

Plura de Iugurtha scribere dehortatur me fortuna mea: et iam antea expertus sum parum fidei miseris esse. Nisi tamen intellego illum supra quam ego sum petere, neque simul amicitiam vostram et regnum meum sperare. Utrum gravius existimet, nemini occultum est. Nam initio occidit Hiempsalem, fratrem meum, deinde patrio regno me expulit: quae sane fuerint nostrae iniuriae, nihil ad vos. Verum nunc vestrum regnum armis tenet, me, quem vos imperatorem Numidis posuistis, clausum obsidet: legatorum verba quanti fecerit pericula mea declarant. Quid est relicum, nisi vis vestra, quo moveri possit? Nam ego quidem vellem, et haec quae scribo, et illa quae antea in senatu questus sum, vana forent potius quam miseria mea fidem verbis faceret. Sed quoniam eo natus sum, ut Iugurthae scelerum ostentui essem, non iam mortem neque aerumnas, tantum modo inimici imperium et cruciatus corporis deprecor.—SALLUST.

IV.

Ibi cum Boccho Numida quidam, Aspar nomine, multum et familiariter agebat, praemissus ab Iugurtha, postquam Sullam accitum audierat, orator et subdole speculatum Bocchi consilia: praeterea Dabar Massugrae filius, ex gente Masinissae, ceterum materno genere impar nam pater eius ex concubina ortus erat. Mauro ob ingeni multa bona carus acceptusque. Quem Bocchus fidum esse Romanis multis ante tempestatibus expertus, illico ad Sullam nuntiatum mittit, paratum sese facere quae populus Romanus vellet: conloquio diem locum tempus ipse delegeret: consulta sese omnia cum illo integra habere: neu Iugurthae legatum pertimesceret quo res communis licentius gereretur: nam ab insidiis eius aliter caveri nequivisse. Sed ego conperior Bocchum magis Punica fide quam ob ea quae praedicabat simul Romanum et Numidam spe pacis

adinuisse, multumque cum animo suo volvere solitum, Iugurtham Romanis, an illi Sullam traderet: lubidinem advorsum nos, metum pro nobis suasisse.—*Ib.*

v.

Nolite, quia ultro Romani petunt amicitiam, id, quod optandum vobis ac summa ope petendum erat, fastidire. Metu enim videlicet compulsus et deprensus in aliena terra, quia sub umbra nostri auxilii latere volunt, in societatem vestram confugiunt, ut portibus vestris recipiantur, ut comitatibus utantur! Mare in potestate habent; terras, quascunque adeunt, extemplo ditionis suae faciunt. Quod rogant, cogere possunt: quia pepercisse vobis volunt, committere vos, cur pereatis, non patiuntur. Nam quod Cleomedon modo, tanquam mediam et tutissimam vobis viam consilii, ut quiesceretis abstineretisque armis, ostendebat, ea non media, sed nulla via est. Etenim, praeterquam quod aut accipienda aut spernenda vobis Romana societas est, quid aliud quam nusquam gratia stabili, velut qui eventum exspectaverimus, ut fortunae applicaremus nostra consilia, praeda victoris erimus?

2. (a) What are the dates A. V. C. of the events mentioned in the first and third of the foregoing passages?

(b) What do you know of the life of Sallust? Quote some of his imitations of Greek idiom.

(c) Comment on:—*lectisternium, interrex, provincia, tensae, transversis principiis.*

(d) Where is Circa, and what is its modern name?

3. Translate into Latin:—

The exultation at Athens was unbounded. At last the opportunity had come for wreaking vengeance on the Mityleneans. In the blind resentment of the moment all prayers for mercy were rejected, and it was resolved to put to death the whole male population of military age, and to sell the women and children as slaves. This frightful decision was taken mainly on the advice of Cleon, a man of low extraction, who at that time commanded most influence with the populace. But hardly had the assembly broken up before the citizens began to repent of their headlong haste.—GROVE.

LATIN.—SECOND PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate, with brief notes :—

I.

Flore, bono claroque fidelis amice Neroni,
 Siquis forte velit puerum tibi vendere natum
 Tibure vel Gabiis, et tecum sic agat : hic et
 Candidus et talos a vertice pulcher ad imos
 Fiet eritque tuus nummorum milibus octo,
 Verna ministeriis ad nutus aptus eriles,
 Litterulis Graecis imbutus, idoneus arti
 Cuilibet : argilla quidvis imitaberis uda :
 Quin etiam canet indoctum sed dulce bibenti.
 Multa fidem promissa levant, ubi plenius aequo
 Laudat venales qui volt extrudere merces.
 Res urguet me nulla : meo sum pauper in aere.
 Nemo hoc mangonum faceret tibi ; non temere a me
 Quivis ferret idem. Semel hic cessavit et, ut fit,
 In scalis latuit metuens pendentis habenae ;
 Des nummos, excepta nihil te si fuga laedit :
 Ille ferat pretium poenae securus opinor.

HORACE, *Ep.*

II.

Non usitata nec tenui ferar
 Pinna biformis per liquidum aethera
 Vates, neque in terris morabor
 Longius invidiaque maior
 Urbes relinquam. Non ego, pauperum
 Sanguis parentum, non ego, quem vocas,
 Dilecte Maecenas, obibo
 Nec Stygia cohibebor unda.
 Iam iam residunt cruribus asperae
 Pelles et album mutor in alitem
 Superne, nascunturque leves
 Per digitos umerosque plumae.

Id., *Od.*

III.

Exegi monumentum aere perennius
 Regalique situ pyramidum altius,
 Quod non imber edax, non Aquilo inpotens
 Possit diruere aut innumerabilis

Annorum series et fuga temporum.
Non omnis moriar multaue pars mei
Vitabit Libitinam : usque ego postera
Crescam laude recens, dum Capitolium
Scandet cum tacita virgine pontifex.
Dicar, qua violens obstrepit Aufidus
Et qua pauper aquae Daunus agrestium
Regnavit populorum, ex humili potens
Princeps Aeolium carmen ad Italos
Deduxisse modos. Sume superbiam
Quaesitam meritis et mihi Delphica
Lauro cinge volens, Melpomene, comam.

Id., *Od.*

2. (a) Scan the first stanza of the second passage.
(b) Spartacum si qua potuit vagantem fallere testa.
Explain the allusion.
(c) What does Horace say of Plautus, of Terence, and of Virgil?
(d) What is the general drift of the First Epistle of the Second Book? To whom is it addressed? When was it composed?

3. (a) Three speeches of Cicero, delivered before 65 B.C., are referred to in the *History*. State concisely the occasion of each.

(b) 'Two highly democratic measures' were introduced by the Marian party on the eve of Sulla's return. What were they?

(c) In what connection do the following names occur:—Coracesium, Chaeronea, Vercellae, M. Junius Pennus, Attalus, Hyrcanus, M'. Aquillius?

(d) Give some account of 'almost the only Statesman of antiquity who tried to use education as an engine of government.'

(e) Write a short life of Mithridates VI., or of Sulla.

(f) What do you know of Caesar before 65 B.C.?

(g) Sketch the career of M. Livius Drusus.

(h) The reforms of C. Gracchus may be divided into two classes. What are these?

[Only FIVE of these Eight Questions to be answered.]

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4. (a) What traces of a *locative case* are there in Latin?
- (b) Form a sentence containing an *indirect question*.
- (c) Write the Latin for:—I hope to be able to conceal that crime of yours from Marius, but you should not have committed it.
- (d) Give the meaning, gender, and gen. singular, of—*olus, nix, acus, grex, pecus, abies*.
- (e) How does the relative agree with its antecedent? Mention a seeming exception.
- (f) Translate and comment on—*abiit quod se aegrum diceret. Nescio quis hoc tam foedum flagitium admiserit, sed quisquis erat aversandus est.*
- (g) *Convenio, caveo, consulo* have different meanings according to the cases they govern. Illustrate this.

ENGLISH LANGUAGE AND LITERATURE.

Examiner—THE PRESIDENT.

[Only Fourteen of the following Questions to be answered.]

1. Whence did Shakspeare derive the materials for *Coriolanus*?
- What anachronisms have been observed in the play?
2. Write notes on the following passages:—
 - (a) 'Alone he enter'd
The mortal gate of the city, which he painted
With shunless destiny.'
 - (b) 'The blood I drop is rather physical
Than dangerous to me.'
 - (c) 'And power, unto itself, most commendable,
Hath not a tomb so evident as a chair
To extol what it hath done.'
 - (d) 'This is clean kam.
Merely awry.'
 - (e) 'If you see this in the map of my microcosm, what harm can your bisson conspectuities glean out of this character'?

3. The passage in the *Merchant of Venice* in which allusion is made to the Music of the Spheres is pronounced by Hallam to be 'perhaps the most sublime in Shakspeare.' Can you quote the lines?

4. An eminent French historian has asserted that 'English Literature, from Shakspeare to Milton, and from Milton to Byron, is essentially irreligious.'

Do you remember a passage in this play where the highest religious sanctions are appealed to for the enforcement of a great human obligation?

5. Assign deviations for the following words:—*Argosy, Rialto, pageant, danger, cater-cousin, prest, grammercy.*

6. Give the substance of Bacon's *Essay of Truth*.

7. How is Pope's *Essay on Criticism* divided?

8. How does Pope characterize the spirit and style of Horace?

9. What are the subjects of his *Moral Essays*, i., iii., and iv.? To whom are they respectively addressed?

10. What were the seats of the great European Commercial Company in Bengal on Clive's arrival?

Show that each of his visits to India marks an important period in the British connexion with that country.

11. 'Not a single great ruler in history can be absolved by a judge who fixes his eye inexorably on one or two unjustifiable acts.' In reference to what transactions does Macaulay advance this proposition? What eminent rulers does he refer to in illustration? And what does he hence pronounce to be 'the best tribunal for great political cases'?

12. State in what year Warren Hastings was born, in what year he first set out for India, when he became Governor-General of India, when he finally returned home, when his Impeachment commenced, and when it terminated.

13. Whom does Macaulay describe as 'the most formidable enemy with whom the English conquerors of India have ever had to contend'?

14. Macaulay claims for Warren Hastings, as Governor of India, the possession of certain high and original qualities. What were these?

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15. Explain the following references:—

(a) 'The renowned Chamberlain, the faithful adherent of the White Rose.'

(b) 'In the same relation in which Augustulus stood to Odoacer.'

(c) 'A man in whom compassion for suffering and hatred of injustice were as strong as in Las Casas or Clarkson.'

(d) 'His memorable defence of Gibraltar.'

(e) 'The greatest painter and the greatest scholar of the age.'

16. Explain the following terms, giving derivations:—

Analytic and *Synthetic* (languages), *Strong* and *Weak Verbs*, *Case*, *Conjugation*, *Hybrid*, *Barbarism*, *Solecism*.

17. Correct the faults (if any) in the following sentences, adding your reasons:—

(a) 'Uneasy lies the head that wears a crown.'

(b) 'I had much rather be the slave myself.'

(c) 'The very head and front of my offending
Hath this extent, no more.'

(d) 'Thus oft by mariners are shown
Earl Godwin's castles overflown.'

(e) 'The following facts may, or have been adduced on the other side.'

18. Name, in order, the maritime counties of Ireland, beginning with Derry, proceeding southward through Leinster, and returning northward through Munster and Connaught.'

FRENCH.

Examiner—PROFESSOR STEINBERGER, M.A.

GRAMMAR.

1. Give the feminine forms corresponding to—*maitre*, *compagnon*, *prince*, *Grec*, *régulier*, *roi*, *homme*, *directeur*, *flatteur*, *vengeur*, *malin*, *sec*.

The masculine forms of—*vieille*, *folle*, *molle*, *rousse*, *sauve*, *fraîche*, *cantatrice*, *chasseresse*, *favorite*, *dissoute*.

2. What are the rules for forming adverbs ?

Form adverbs from the following adjectives :—*utile, impartial, honnête, fameux, grand, vaillant, commun, confus, public, savant, innocent, traître.*

3. Conjugate, in all their simple tenses, *il n'y a pas, il faut, ce fut.*

Conjugate, in full, the present indicative of—*dire, médire, faire, contrefaire.*

4. Account for the agreement of the past participle in the following sentences :—*Elles sont corrompues. Les nations qu'il a écrasées. Entraînés comme eux. Elles se sont évanouies. Ils se sont nuï.*

5. Translate into French :—*Have your brothers arrived ? Show me the letters which you have received.*

6. Put the following terms or sentences into the plural :—

Quelqu'un.

Devant lui.

Cet autre.

La force même du pays.

Il fut surpris d'être reçu.

Où il dort épuisé de fatigue.

Il est la jeunesse . . . et parce qu'on l'a vu en belle ligne.

Into the singular—

Comme eux.

Nos yeux.

Les conquérants descendent de leur char de triomphe, les tyrans n'effrayent plus par leurs satellites, les princes nous apparaissent sans leur cortège et dépouillés, de la fausse grandeur que leur prêtait la flattere.

7. Put the following sentences successively in the negative, in the interrogative, and in the interrogative-negative forms :—*L'histoire est un maître. Il fut surpris. Il leur fit comprendre.*

Write out negatively the imperative of—*se rire, se soulever, s'en aller.*

8. Give the present participle of—*fleurir, vaincre, moudre, savoir.*

The past participle of—*bénir, mourir, coudre, repaître.*

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The 2nd person singular and plural of the present indicative, past definite, future, and present subjunctive of—*naître, vivre, se taire, croître, croire, voir, prévoir, pouvoir.*

9. Translate into French :—

I.

She had been dead two days. They were all about her at the time, knowing that the end was drawing nigh. She died soon after daybreak. They had read and talked to her in the earlier portion of the night, but as the hours crept on, she sunk to sleep. They could tell, by what she faintly uttered in her dreams, that they were of her journeyings with the old man; they were of no painful scenes, but of people who had helped and used them kindly, for she often said "God bless you!" with great fervour. Waking she never wandered in her mind but once, and that was of beautiful music which she said was in the air.—C. DICKENS.

II.

Not being at home, I could not receive them. Having finished their work, the pupils left the room. We know him to be an honest man. Have you heard of his being wounded? At the corner of the street there stood an old woman begging for alms. They might have succeeded, if they had been more careful. At eight o'clock it suddenly began raining, therefore it was impossible to go. It was wrong to enter the garden without having previously asked permission.

10. Translate into English :—

I.

Ils venaient d'atteindre ainsi vers trois heures du matin la prairie des Brimbelles, où l'on voit encore de nos jours un grand chêne qui s'avance au tournant de la vallée. De l'autre côté, sur la gauche, au milieu des bruyères toutes blanches de neige, derrière son petit mur de pierres sèches et les palisades de son petit jardin, commençait à poindre la vieille maison forestière du garde Cuny, avec ses trois ruches posées sur une planche, son vieux cep de vigne nouveau, grimpant jusque sous le toit en auvent, et sa

petite cime de sapin suspendue à la gouttière en guise d'enseigne ; car Cuny faisait aussi le métier de cabaretier dans cette solitude.

En cet endroit, comme le chemin longe le haut du mur de la prairie, qui se trouve à quatre ou cinq pieds en contre-bas, et qu'un gros nuage voilait la lune, le docteur craignant de verser, s'arrêta sous le chêne.—ERCKMANN-CHATRIAN, *L'Invasion*.

II.

Unprescribed Passage.

LA MÉDITERRANÉE ET L'OcéAN.

Combien il y a de voix confuses et lointaines dans le bruit qui vient de la Méditerranée ! Que de civilisations ont sillonné cette mer ! Que de pavillons y ont échangé des signaux ! Que d'événements s'y sont dénoués ! C'est par ce chemin que nous est venue la pensée. L'Océan n'a point de passé ; la Méditerranée ne cesse d'en avoir que quand il n'y a plus de nations pour en écrire les annales. L'Océan n'a guère jusqu'ici que le triste honneur d'écraser de temps en temps, dans quelque coin du monde, contre un rocher inconnu, quelque vaisseau aventureux ou quelque pirogue de sauvages, perdue dans les brumes australes. La Méditerranée a dévoré des générations et des empires ; elle a fourni des champs de bataille à toutes les nations du monde, et des tombeaux à tous les vaincus ; elle a aidé toutes les civilisations ennemies à s'entredétruire, et souvent elle a vidé d'elle-même la querelle, en faisant passer son flot sur les combattants. Et puis toutes les poésies ont pris naissance sur ces rivages, et ont glissé sur son onde caressante ; elle les a portées d'un pays à l'autre, et les a déposées sur toutes les rives où il avait été décidé, dans les desseins de Dieu, qu'elles en feraient germer et fleurir d'autres. C'est là que la Bible a puisé pour remplir ses cataractes ; c'est là qu'Homère a fait crever les nuées de Jupiter, et descendre ses pluies ; c'est là qu'il a montré l'homme luttant contre les dieux.

GERMAN.

Examiner—PROFESSOR STEINBERGER, M.A.

GRAMMAR.

1. Write down the genitive singular and the nominative plural, with the definite article, of *Spiegel, Diener, Name, Kabe, Bär, Prinz, Fuchs, Unfall, Palast, Häring, Hoffnung, Kunst, Geschenk, Pflicht, Lamm, Schiff, Ohr, Pferd, Mineral.*

2. Mention six substantives which are used in the plural only, and six which change their meaning with their gender.

3. Decline in both numbers *derselbe reiche Kaufmann, jene alte Ruine, and mein liebster Dichter.*

4. Decline the personal pronouns *ich, du, er*, the relatives *der* and *welcher*, and the interrogative *wer*.

5. Give the German equivalents of thirty-five, the sixty-first, $\frac{1}{10}$, $1\frac{1}{2}$, $9\frac{1}{2}$, $3\frac{3}{4}$, twenty times, sevenfold, firstly, at six o'clock, a quarter past eight, four kinds of wine.

6. Conjugate the present indicative and subjunctive of all the auxiliary verbs of mood.

7. Write down the singular indicative of the present, the first person singular, indicative and subjunctive, of the imperfect, the second person singular of the imperative, and the past participle, of *ankommen, brechen, lassen, befehlen, stoßen, vergelten* and *denken*.

8. Indicate the cases governed by the prepositions *auf, für, mit, gegen, trotz, ohne, jenseits, während, wegen, gegenüber, außerhalb, um, wider*. Also state and exemplify the rule by which certain prepositions may take either the dative or the accusative case.

9. State the rule in accordance with which neuter verbs are conjugated either with *haben* or *sein*, and apply it by forming the perfect indicative of *lachen, einschlafen, träumen, genesen, gehen, erleiden*.

COMPOSITION.

10. Translate into German :—

I.

It is now almost five weeks since I left Dijon, one of the gayest and most agreeable little cities of France, for Lyons, its reverse in all these particulars. It is the second in the kingdom in bigness and rank, the streets uncommonly narrow and nasty; the houses immensely high and large (that for instance where we are lodged has twenty-five rooms on a floor, and that for five stories): it swarms with inhabitants like Paris itself, but chiefly a mercantile people, too much given up to commerce to think of their own, much less of a stranger's diversions.

II.

The streets in the west end of London are broad and clean. It is bitterly cold this morning. The ice is thick enough. The country in our neighbourhood is very pretty; the walks are very pleasant; it is beautiful at a greater distance for riding and driving. He does a great deal of good among the poor. Will you take a walk with me? They esteem themselves fortunate.

11. Translate into English :—

I.

Auf der Bidassoa-Brücke
Spielt ein zauberhaft Gesicht;
Wo der eine Schatten siehet,
Sieht der andre goldnes Licht;
Wo dem einen Rosen lachen,
Sieht der andre dürren Sand;
Jedem ist das Elend finster,
Jedem glänzt sein Vaterland.

Friedlich rauscht die Bidassoa
Zu der Herde Glockenklang;
Aber im Gebirge dröhnet
Knall auf Knall den Tag entlang,
Und am Abend steigt hernieder

Eine Schar zum Flußgestad,
Unstät mit zerrißner Fahne; •
Blut beträufelt ihren Pfad.

Auf der Bidaffoabrücke
Lehnen sie die Büchsen bei,
Binden sich die frischen Wunden,
Zählen, wer noch übrig sei.

Umland, Gedichte.

II.

Unprescribed Passage.

Abermals waren die Ungarn in einer großen Feldschlacht (955) von den Deutschen besiegt und ihre ganze Heeresmacht vernichtet worden. Seitdem verging ihnen die Lust, in die deutschen Länder einzubrechen. Sie begannen, sich feste Wohnsitze in der fruchtbaren Donau-Ebene zu gründen und gaben das zuchtlose Nomaden-Leben allgemach auf. Sie verschanzten sich an ihren westlichen Grenzen; doch drangen die hier angesiedelten deutschen Kriegerleute über die Grenze nach Osten vor und gewannen den schönen Landstrich unter dem Flusse Enns, aus dem später Oestreich zu großer Macht und Ehren erwachsen ist. In dem Siege von Augsburg liegen die Anfänge Oestreichs, zugleich auch die ersten Keime der Civilisation des ungarischen Volkes; in ihm beschließt sich, kann man sagen, die Völkerwanderung. Denn nach den Ungarn hat kein wanderndes Volk in Europa mehr Fuß gefaßt, so daß es in die Bewegung der abendländischen Welt eingetreten wäre. — Giesebrecht.

SCIENCE SCHOLARSHIP OF THE FIRST YEAR.

ARITHMETIC AND ALGEBRA.

Examiner—PROFESSOR DIXON, M.A.

1. Reduce to their prime factors 11111 and 111111.
2. I sell out £1428 3s. 4d. of 3 per Cent. Stock at 101, and buy 4 per Cent. Stock with the proceeds, my income being unchanged. Find the price of the 4 per Cent. Stock (Brokerage $\frac{1}{8}$).
3. The area of a square field is
26 ac. 3 r. 32 sq. pls. 23 sq. yds. 3 sq. ft. 121 sq. in.
Find the length of each side.
4. The hands of a clock are perpendicular at intervals of $32^m 44^s$. Find how much it gains or loses in three days.
5. The arithmetic mean between two numbers is 16 and the geometric 12. Find their harmonic mean.
6. Prove that the cube of any odd number exceeds that number by a multiple of 24.
7. Solve the equations
 - (1) $x + \frac{1}{2}y = y + \frac{1}{3}z = z + \frac{1}{4}x = 50$.
 - (2) $x^3 + y^3 = 370, \quad xy = 21$.
8. Find the sum of the squares of the coefficients in the expansion of $(x + y)^n$, n being a positive integer.
9. Find by the help of the tables the number of digits in the 33rd power of 33.
10. How many different numbers can be formed by using all the digits of 105830 in different orders?

MATHEMATICS.

Examiner—PROFESSOR DIXON, M.A.

GEOMETRY AND TRIGONOMETRY.

1. Show that Euclid's axiom that all right angles are equal can be deduced from his other axioms.

2. Divide a straight line so that the square on one part may be double the rectangle contained by the whole and the other part.

3. In a fixed triangle a variable similar triangle is inscribed so that each vertex lies on the side opposite to the corresponding vertex of the fixed triangle. Prove that the orthocentre of the variable triangle is fixed.

4. In a given circle inscribe a hexagon whose alternate sides shall be equal, and the odd ones double of the even ones.

5. With a given centre describe a circle such that its intercepts on two given straight lines shall be in a given ratio.

6. Find the product of

$$1 - 2x \cos \theta + x^2$$

and $1 + 2x \cos \theta + 2x^2 \cos 2\theta + \dots + 2x^n \cos n\theta$.

7. Prove that $\cos 1^\circ$ lies between 1 and $\frac{6479}{6480}$.

8. Find the angles of a triangle whose sides are 38, 49, 51.

9. Show that

$$a \cos \frac{1}{2}(B - C) = (b + c) \sin \frac{1}{2}A.$$

10. If AD , BE , CF are the perpendiculars from the vertices to the opposite sides in a triangle ABC , show that the triangles ABC , DEF are to each other as

$$1 : 2 \cos A \cos B \cos C.$$

LITERARY SCHOLARSHIP OF THE SECOND YEAR.

GREEK.—FIRST PAPER.

Examiner—PROFESSOR D'ARCY W. THOMPSON, M.A.

1. Mark, by perpendicular lines, the scansion of the following Iambic lines :—

- (a) τυφόμενα Δίου πυρὸς ἔτι ζῶσαν φλόγα
- (b) Σεμέλης τε μητρὸς ἀπολογήσασθαί μ' ὕπερ
- (c) ἐκόμισα παρέδρους καὶ ξυνεμπόρους ἐμοί
- (d) γῆ δ' ἐστίν, ὄνομα δ' ὀπότερον βούλει κάλει
- (e) ὃς δ' ἦλθεν ἐπὶ τάντίπαλον ὁ Σεμέλης γόνος
- (f) ὄνομα μεταστήσαντες, ὅτι θεᾶ θεός

2. Translate the following passages :—

I.

ταῦτα καὶ καθύβρισ' αὐτόν, ὅτι με δεσμεύειν δοκῶν
οὐτ' ἔθιγεν οὐθ' ἤψαθ' ἡμῶν, ἐλπίσιν δ' ἐβόσκετο.
πρὸς φάτναις δὲ ταῦρον εὐρών, οὐ καθεῖρξ' ἡμᾶς ἄγων,
τῷδε περὶ βρόχους ἔβαλλε γόνασι καὶ χηλαῖς ποδῶν,
θυμὸν ἐκπνέων, ἰδρῶτα σώματος στάζων ἄπο,
χείλεσιν διδοὺς ὀδόντας· πλησίον δ' ἐγὼ παρῶν
ἤσυχος θάσσων ἔλευσσον. ἐν δὲ τῷδε τῷ χρόνῳ
ἀνετίναξ' ἐλθὼν ὁ Βάκχος δῶμα καὶ μητρὸς τάφῳ
πῦρ ἀνήψ'· ὃ δ' ὡς ἐσεῖδε, δῶματ' αἰθισθαι δοκῶν
ἦσσε' ἐκέισε κᾶτ' ἐκεῖσε, δμωσὶν Ἀχελῶν φέρειν
ἐννέπων, ἅπας δ' ἐν ἔργῳ δοῦλος ἦν μάτην πονῶν.
διαμεθεῖς δὲ τόνδε μόχθον, ὡς ἐμοῦ πεφευγότες,
ἵεται ξίφος κελαινὸν ἀρπάσας δόμων ἔσω.
κᾶθ' ὁ Βρόμιος, ὡς ἔμοιγε φαίνεται, δόξαν λέγω,
φάσμ' ἐποίησεν κατ' αὐλήν· ὃ δ' ἐπὶ τοῦθ' ὠρμημένος
ἦσσε κακέντει φαεννὸν αἰθέρ', ὡς σφάζων ἐμέ.
πρὸς δὲ τοῖσδ' αὐτῷ τάδ' ἄλλα Βάκχιος λυμαίνεται·

δώματ' ἔρρηξεν χαμᾶζε· συντεθράνωται δ' ἅπαν
 πικροτάτους ἰδόντι δεσμούς τοὺς ἐμούς· κόπου δ' ὕπο
 διαμεθεῖς ξίφος παρείται. πρὸς θεὸν γὰρ ὦν ἀνὴρ
 εἰς μάχην ἔλθειν ἐτόλμησ'· ἥσυχος δ' ἐκβὰς ἐγὼ
 δωμάτων ἦκω πρὸς ὑμᾶς, Πενθέως οὐ φροντίσας.

EURIPIDES, *Bacchæ*.

II.

Οὐ βουλομένων δὲ ταῦτα κρίνειν τῶν Ἑλλήνων φθόνῳ, ἀλλ' ἀποπλωνόντων ἐκάστων ἐς τὴν ἑωυτῶν ἀκρίτων, ὅμως Θεμιστοκλῆς ἐβώσθη τε καὶ ἐδοξώθη εἶναι ἀνὴρ πολλὸν Ἑλλήνων σοφώτατος ἀνὰ πᾶσαν τὴν Ἑλλάδα. ὅτι δὲ νικῶν οὐκ ἐτιμήθη πρὸς τῶν ἐν Σαλαμῖνι ναυμαχησάντων, αὐτίκα μετὰ ταῦτα ἐς Λακεδαίμονα ἀπῖκετο θέλων τιμηθῆναι· καὶ μιν Λακεδαιμόνιοι καλῶς μὲν ὑπεδέξαντο, μεγάλως δὲ ἐτίμησαν. ἀριστήϊα μὲν νυν ἔδοσαν Εὐρυβιάδῃ ἐλαίης στέφανον, σοφίης δὲ καὶ δεξιότητος Θεμιστοκλεί, καὶ τούτῳ στέφανον ἐλαίης. ἐδωρήσαντο δὲ μιν ὄχῳ τῷ ἐν Σπάρτῃ καλλιστεύοντι. αἰνέσαντες δὲ πολλὰ, προέπεμψαν ἀπιόντα τριηκόσιοι Σπαρτιητέων λογάδες, οὗτοι οἵπερ ἰππέες καλέονται, μέχρι οὐρων τῶν Τεγεθτικῶν. μῦνον δὴ τοῦτον πάντων ἀνθρώπων, τῶν ἡμεῖς ἴδμεν, Σπαρτιῆται προέπεμψαν. Ὡς δὲ ἐκ τῆς Λακεδαίμονος ἀπῖκετο ἐς τὰς Ἀθήνας, ἐνθαῦτα Τιμόδημος Ἀφιδναῖος τῶν ἐχθρῶν μὲν τῶν Θεμιστοκλέος ἑὼν, ἄλλως δὲ οὐ τῶν ἐπιφανέων ἀνδρῶν, φθόνῳ καταμαργέων ἐνείκεε τὸν Θεμιστοκλέα, τὴν ἐς Λακεδαίμονα ἀπιζίν προφέρων, ὡς διὰ τὰς Ἀθήνας ἔχει τὰ γέρεα τὰ παρὰ Λακεδαιμονίων, ἀλλ' οὐ δι' ἑωυτόν. ὁ δὲ, ἐπεὶ τε οὐκ ἐπαύετο ταῦτα λέγων ὁ Τιμόδημος, εἶπε· Οὕτω ἔχει τοι· οὐτ' ἂν ἐγὼ ἑὼν Βελβινίτης ἐτιμήθην οὕτω πρὸς Σπαρτιητέων, οὐτ' ἂν σὺ, ὦνθρωπε, ἑὼν Ἀθηναῖος.—
 HERODOTUS.

III.

Οἱ μὲν λέγοντές εἰσι τῶν ἱερέων τε καὶ ἱερείων ὅσοις μεμέληκε περὶ ὧν μεταχειρίζονται λόγον οἷοις τ' εἶναι διδόναι· λέγει δὲ καὶ Πίνδαρος καὶ ἄλλοι πολλοὶ τῶν ποιητῶν, ὅσοι θεοὶ εἰσιν. ἃ δὲ λέγουσι, ταυτί ἐστιν· ἀλλὰ σκοπεῖ, εἴ σοι δοκοῦσιν ἀληθῆ λέγειν. φασὶ γὰρ τὴν ψυχὴν τοῦ ἀνθρώπου εἶναι ἀθάνατον, καὶ τοτὲ μὲν τελευτᾶν, ὃ δὴ ἀποθνήσκειν καλοῦσι,

τοτὲ δὲ πάλιν γίγνεσθαι, ἀπόλλυσθαι δ' οὐδέποτε· δεῖν δὴ διὰ ταῦτα ὡς ὀσιώτατα διαβιῶναι τὸν βίον·

οἷσι γὰρ ἂν Φερσεφόνα ποινὰν παλαιοῦ πένθεος
δέξεται, εἰς τὸν ὑπερθεὺν ἄλιον κείνων ἐνάτω ἔτει
ἀντιδοῖ ψυχὰν πάλιν,

ἐκ τῶν βασιλῆες ἀγαυοὶ

καὶ σθένει κραιπνοὶ σοφία τε μέγιστοι

ἄνδρες αὖξοντ'· ἐς δὲ τὸν λοιπὸν χρόνον ἥρωες ἀγνοὶ

πρὸς ἀνθρώπων καλεῦνται.

Ἄτε οὖν ἡ ψυχὴ ἀθάνατός τε οὔσα καὶ πολλάκις γεγονυῖα, καὶ ἑωρακυῖα καὶ τὰ ἐνθάδε καὶ τὰ ἐν Ἄιδου καὶ πάντα χρήματα, οὐκ ἔστιν ὃ τι οὐ μεμάθηκεν· ὥστε οὐδὲν θαυμαστὸν καὶ περὶ ἀρετῆς καὶ περὶ ἄλλων οἷόν τε εἶναι αὐτὴν ἀναμνησθῆναι ἃ γε καὶ πρότερον ἠπίστατο. ἄτε γὰρ τῆς φύσεως ἀπάσης συγγενοῦς οὔσης, καὶ μεμαθηκυῖας τῆς ψυχῆς ἅπαντα, οὐδὲν κωλύει ἐν μόνον ἀναμνησθέντα, ὃ δὴ μάθησιν καλοῦσιν ἄνθρωποι, τᾶλλα πάντα αὐτὸν ἀνευρεῖν, εἴαν τις ἀνδρείος ἦ καὶ μὴ ἀποκάμνη ζητῶν· τὸ γὰρ ζητεῖν ἄρα καὶ τὸ μανθάνειν ἀνάμνησις ὅλον ἔστιν. οὐκ οὖν δεῖ πείθεσθαι τούτῳ τῷ ἐριστικῷ λόγῳ· οὗτος μὲν γὰρ ἂν ἡμᾶς ἀργοὺς ποιήσειε καὶ ἔστι τοῖς μαλακοῖς τῶν ἀνθρώπων ἡδὺς ἀκοῦσαι, ὅδε δὲ ἐργαστικούς τε καὶ ζητητικούς ποιεῖ· ὧ ἐγὼ πιστεύων ἀληθεῖ εἶναι ἐθέλω μετὰ σοῦ ζητεῖν ἀρετὴν ὃ τι ἔστιν.—
PLATO, *Menon*.

Unprescribed Passage.

3. Translate the following :—

καὶ ὁ μὲν Λύσανδρος, ἐπεὶ αὐτῷ τὸ ναυτικὸν συνετέτακτο, ἀνελεύσας τὰς ἐν τῇ Ἐφέσῳ οὔσας ναῦς ἐνενήκοντα ἡσυχίαν ἦγεν, ἐπισκευάζων καὶ ἀναψύχων αὐτάς. Ἀλκιβιάδης δὲ ἀκούσας Θρασύβουλον ἐξ Ἑλλησπόντου ἦκοντα τειχίζειν Φώκαιαν διέπλευσε πρὸς αὐτόν, καταλιπὼν ἐπὶ ταῖς ναυσὶν Ἀντίοχον τὸν αὐτοῦ κυβερνήτην, ἐπιστείλας μὴ ἐπιπλεῖν ἐπὶ τὰς Λυσάνδρου ναῦς. ὁ δὲ Ἀντίοχος τῇ τε αὐτοῦ νηὶ καὶ ἄλλῃ ἐκ Νοτίου εἰς τὸν λιμένα τῶν Ἐφεσίων εἰσπλεύσας παρ' αὐτάς τὰς πρῶρας τῶν Λυσάνδρου νεῶν παρέπλει. ὁ δὲ Λύσανδρος τὸ μὲν πρῶτον ὀλίγας τῶν νεῶν καθελκύσας ἐδῶκεν αὐτόν, ἐπεὶ δὲ οἱ Ἀθηναῖοι τῷ Ἀντιόχῳ ἐβόηθον πλείοσι ναυσί, τότε δὴ καὶ πάσας συντάξας

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ἐπέπλει. μετὰ δὲ ταῦτα καὶ οἱ Ἀθηναῖοι ἐκ τοῦ Νοτίου καθελκύσαντες τὰς λοιπὰς τριήρεις ἀνήχθησαν, ὡς ἕκαστος ἤνοιξεν. ἐκ τούτου δ' ἐνανμάχησαν οἱ μὲν ἐν τάξει, οἱ δὲ Ἀθηναῖοι διεσπαρμέναις ταῖς ναυσί, μέχρι οὐ ἔφυγον ἀπολέσαντες πεντεκαίδεκα τριήρεις. τῶν δὲ ἀνδρῶν οἱ μὲν πλεῖστοι ἐξέφυγον, οἱ δ' ἐζωγρήθησαν.—XENOPHON, *Historia Graeca*.

GREEK.—SECOND PAPER.

Examiner—PROFESSOR D'ARCY W. THOMPSON, M.A.

GREEK HISTORY (500 B.C. TO 322 B.C.).

1. What were the dates severally—(a) of the revolt of Miletus, and (b) of its capture?
2. Give a biography of Cimon, with dates.
3. Give the circumstances attending the first interference of Hellenes in the affairs of Egypt, with dates.
4. Give the circumstances attending the death of Lysander.
5. Give the particulars of the 'Peace of Callias.'
6. Give the details, from beginning to end, of the Lamian War.

GRAMMAR AND PHILOLOGY.

7. 'The second class of feminines in the first declension have short α in the nominative, accusative, and vocative singular.'

Give the subdivisions of this class, with examples to each subdivision.

8. Express by Greek letters, not by Greek words, the number 1895.

9. Differentiate the following words:—

δηλώσαι, δηλώσαι, δήλωσαι.

10. Explain the formation of the aorists—

ἔφηναι, ἔμεινα, ἔκρινα.

11. Show by examples the varieties of meaning of which ἐπί is susceptible when it governs a genitive case.

12. 'The infinitive and participle are essentially nouns; the infinitive being an indeclinable substantive, and the participle an adjective of three endings; *yet they both have some of the properties of the verb.*

Illustrate the closing sentence in the above.

13. Write down in accentuated forms the vocatives corresponding severally to the words—

μοχθηρός, Σωκράτης, γυνή, πατήρ.

14. In what class of Greek verbs is the phenomenon of ablaut exhibited in the greatest variety?

Illustrate your answer by six examples.

15. Give three words wherein the aspiration of the initial vowel is due—

(a) either to false derivation,

(b) or to false analogy.

16. Discuss the formation of the words—

ἄλοχος, ἀδελφός, ἄκοιτις, ἄπεδος.

17. State in what respect are the following words abnormal in form:—

ἔδραμον, ἔβαλον.

18. Discuss the formation of the words—

ἔπαθον, ἔλαχον, ἔμαθον.

COMPOSITION.

19. Render into Greek prose the following:—

At all times then our ancestors and the Lacedæmonians regarded each other with jealousy, but-at-the-same-time in those days they indulged-in-jealousy with regard to most honourable objects, regarding each other not as enemies but as antagonists, and not courting the King with a view to the enslavement of Hellas, but being-of-one-mind with regard to the common weal, and acting as rivals as to which of the two peoples should accomplish the desired object. And they displayed their high spirit first of all in the case of the troops that were sent against Hellas by Darius. For after these had landed on the Attic territory, the Athenians with their

entire native forces, marched to meet the forces that had thus treated Hellas with contempt; and the Lacedæmonians had no sooner heard of the invasion of Attica than, in disregard of all other considerations, they came to our assistance, making as much haste as if it were their own territory that was being laid waste.—ISOCRATES.

LATIN.—FIRST PAPER.

Examiner.—PROFESSOR SANDFORD, M.A.

1. Translate, with brief notes :—

I.

Qui vero Narbone reditus ! Etiam quaerebat cur ego ex ipso cursu tam subito revertissem. Exposui nuper, patres conscripti, causam reditus mei. Volui, si possem, etiam ante Kalendas Ianuarias prodesse rei publicae. Nam, quod quaerebas, quo modo redissem, primum luce, non tenebris : deinde cum calceis et toga, nullis nec Gallicis nec lacerna. At etiam aspicias me et quidem, ut videris, iratus. Ne tu iam mecum in gratiam redeas, si scias quam me pudeat nequitiae tuae, cuius te ipsum non pudet. Ex omnium omnibus flagitiis nullum turpius vidi, nullum audivi. Qui magister equitum fuisse tibi viderere, in proximum annum consulatum peteres vel potius rogares, is per municipia coloniasque Galliae, a qua nos tum, quum consulatus petebatur, non rogabatur, petere consulatum solebamus, cum Gallicis et lacerna cucurristi.—CICERO.

II.

Consul in Campo Martio comitiis habitis, priusquam centurias in suffragium mitteret, concione advocata, ‘ Ignorare,’ inquit, ‘ videmini mihi, Quirites, non, utrum bellum an pacem habeatis, vos consuli (neque enim liberum id vobis permittit Philippus, qui terra marique ingens bellum molitur) : sed utrum in Macedoniam legiones transportetis, an hostem in Italiam accipiatis. Hoc quantum intersit, si nunquam ante alias, Punico certe proximo bello experti estis. Quis enim dubitat, quin, si Saguntinis obsessis

fidemque nostram implorantibus impigre tulissemus opem, sicut patres nostri Mamertinis tulerant, totum in Hispaniam aversuri bellum fuerimus, quod cunctando cum summa clade nostra in Italiam accepimus? Ne illud quidem dubium est, quin hunc ipsum Philippum, pactum iam per legatos literasque cum Hannibale ut in Italiam traiceret, misso cum classe Laevino, qui ultro ei bellum inferret, in Macedonia continuerimus.'—LIVY.

2. Translate:—

Trepidam urbem ac simul atrocitatem recentis sceleris, simul veteres Othonis mores paventem novus insuper de Vitellio nuntius exterruit, ante caedem Galbae suppressus, ut tantum superioris Germaniae exercitum descivisse crederetur. Tum duos omnium mortalium impudicitia ignavia luxuria deterrimos velut ad perdendum imperium fataliter electos non senatus modo et eques, quis aliqua pars et cura rei publicae, sed vulgus quoque palam maerere. Nec iam recentia saevae pacis exempla, sed repetita bellorum civilium memoria captam totiens suis exercitibus urbem, vastitatem Italiae, direptiones provinciarum, Pharsaliam Philippos et Perusiam ac Mutinam, nota publicarum cladum nomina, loquebantur.—TACITUS.

3. (a) Quote the lines in which Juvenal refers to the Second Philippic.

(b) What were the circumstances of its composition?

(c) Quo quidem facto tantum te cepisse odium regni videbatur ut eius omne nomen propter proximi dictatoris metum tollereres. Translate and explain.

(d) What is the Latin for?—to be arraigned as an assassin; to become bankrupt; a tipstaff; a catalogue of sale; good heavens!

(e) Give a short account (with dates) of the Second Macedonian war—its causes, progress, and results.

4. Translate into Latin:—

But if I profess all this impolitic stubbornness, I may chance never to be elected into Parliament. It is certainly not pleasing to be put out of the public service. But I wish to be a member of Parliament to have my share of doing good and resisting evil. It would, therefore, be

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absurd to renounce my objects in order to obtain my seat. I deceive myself, indeed, most grossly, if I had not much rather pass the remainder of my life hidden in the recesses of the deepest obscurity; feeding my mind even with the visions and imaginations of such things, than to be placed on the most splendid throne in the Universe, tantalized with a denial of the practice of all which can make the greatest situation any other than the greatest curse. Gentlemen, I have had my day.—BURKE.

5. (a) Write etymological notes on—*sed, maior, viginti, bruma, and bustum.*

(b) Give examples of the uses of—*auvo, dumtaxat, quotusquisque, quin, praesertim cum, ita . . . ut.*

(c) Make a list of the principal active verbs which have a perf. participle with an active sense.

(d) In what cases is the subjunctive mood used with the relative pronoun?

(e) Give the divisions of the *as*.

(f) 'So far from being hated by me, he was forgiven oftener than he ought to have been.' Express in Latin, explaining fully the construction.

(g) Parse—*osuri, venibat, duint, oriundus, experrecto.*

*6. (a) What were the two kinds of original accent? How are their effects different?

(b) What are the chief advances made recently in the science of Philology?

(c) Comment on the following constructions:—

(1) *aeternas poenas in morte timendum est.*

(2) *iustae quibus Mezentius irae.*

(3) *rettulit Ajax esse Iovis pronepos.*

(4) *carmina ni sint
ex umero Pelopis non nituisset ebur.*

(5) *facultas agrorum latronibus condonandi.*

(d) What are the principal exceptions to Grimm's Law, and how are they to be accounted for?

(e) What is *ablaut*? Give examples.

LATIN.—SECOND PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate, adding short notes :—

I.

Dicendum et, quae sint duris agrestibus arma,
Quis sine nec potuere seri nec surgere messes :
Vomis et inflexi primum grave robur aratri,
Tardaue Eleusinae matris volventia plaustra,
Tribulaue traheaeque et iniquo pondere rastro ;
Virgea praeterea Celei vilisque supellex,
Arbuteae crates et mystica vannus Iacchi :
Omnia quae multo ante memor provisa repones,
Si te digna manet divini gloria ruris.
Continuo in silvis magna vi flexa domatur
In burim et curvi formam accipit ulmus aratri ;
Huic a stirpe pedes temo protentus in octo ;
Binae aures, duplici aptantur dentalia dorso.
Caeditur et tilia ante iugo levis, altaque fagus,
Stivaque, quae currus a tergo torqueat imos ;
Et suspensa focis explorat robora fumus.

VIRGIL, *Georgics*.

II.

Scilicet omnibus est labor impendendus, et omnes
Cogendae in sulcum, ac multa mercede domandae.
Sed truncis oleae melius, propagine vites
Respondent, solido Paphiae de robore myrtus ;
Plantis et durae coruli nascuntur, et ingens
Fraxinus, Herculeaeque arbor umbrosa coronae,
Chaoniique patris glandes ; etiam ardua palma
Nascitur, et casus abies visura marinos.
Inseritur vero et fetu nucis arbutus horrida ;
Et steriles platani malos gessere valentes ;
Castaneae fagus, ornusque incanuit albo
Flore piri, glandemque suis fregere sub ulmis.

Ibid.

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2. Explain—

(a) *Unicuique puer monstrator adunci.*

(b) *Gnosiaque ardentis stella coronae.*

(c) *Vacuis Clanius non aequus Acerris.*

(d) *Laudato ingentia rura.*

(e) *neque ille
Aut doluit miserans inopem, aut invidit habenti.*

3. Show your acquaintance with Horace, *Car.* i. 28, the ode beginning—

*Te maris et terrae numeroque carentis harenae
Mensorem cohibent Archyta, &c.,*

by discussing the difficulties of the general interpretation.

4. Write a note on the use of the infinitive mood by Horace.

5. Translate into English :—

I.

*Si forte in medio positorum abstemius herbis
Vivis et urtica, sic vives protinus, ut te
Confestim liquidus Fortunae rivus inaret,
Vel quia naturam mutare pecunia nescit,
Vel quia cuncta putas una virtute minora.
Miramur, si Democriti pecus edit agellos
Cultaque, dum peregrast animus sine corpore velox,
Cum tu inter scabiem tantam et contagia lucri
Nil parvum sapias et adhuc sublimia cures :
Quae mare conpescant causae, quid temperet annum,
Stellae sponte sua iussaene vagentur et errent,
Quid premat obscurum Lunae, quid proferat orbem,
Quid velit et possit rerum concordia discors,
Empedocles an Stertinius deliret acumen ?
Verum seu pisces seu porrum et caepe trucidas,
Utere Pompeio Grospho et siquid petet ultro
Defer : nil Grosphus nisi verum orabit et aequum.
Vilis amicorumst annona, bonis ubi quid deest.*

HORACE, *Ep.*

II.

Hoc paces habuere bonae ventique secundi.
Romae dulce diu fuit et sollemne reclusa
Mane domo vigilare, clienti promere iura,
Cautos nominibus rectis expendere nummos,
Maiores audire, minori dicere per quae
Crescere res posset, minui damnosa libido.
Quid placet aut odiosum, quod non mutabile credas?
Mutavit mentem populus levis, et calet uno
Scribendi studio: pueri patresque severi
Fronde comas vincti cenant et carmina dictant.
Ipse ego, qui nullos me adfirmo scribere versus,
Invenior Parthis mendacior, et prius orto
Sole vigil calamus et chartas et serinia posco.
Navim agere ignarus navis timet, abrotonum aegro
Non audet nisi qui didicit dare, quod medicorumst,
Promittunt medici, tractant fabrilia fabri;
Scribimus indocti doctique poemata passim. *Ibid.*

6. (a) 'The close of the year 167 B. C. witnessed the return of the conquerors.' Develop this. What author began to produce his work in the year following?

(b) What was the 'circle of Popilius'? What is meant by 'Toulouse gold'?

(c) On what occasions, and by whom were the two following quotations used:—

(1) οἶος πέπνυται τοὶ δὲ σκιαὶ αἰσσοῦσι.

(2) ὡς ἀπόλοιτο καὶ ἄλλος ὅτις τοιαῦτά γε ῥέζοι.

(d) Who were the thousand Achaean prisoners? Name one of them. When, and on what grounds, were they released?

(e) What do you know of Q. Servilius Caepio?

(f) What was the political policy of Drusus?

(g) Who were: Judacillus, Rutilius Rufus, L. Licinius Crassus, Tryphon, Mastanabal?

(h) 'The kingdom of Pergamus formed the tenth province.' What were the others, and when acquired?

(i) Explain:—Postliminium, leges tabellariae, the 'Métayer system.'

(j) '∩ disappears the man who for more than twenty years had been the virtual chief of Rome.' Explain fully.

ENGLISH LANGUAGE AND LITERATURE.—

FIRST PAPER.

Examiner—THE PRESIDENT.

1. Whence did Shakspeare derive the materials for *Richard III.*?

Does the play observe the Unities of Time and Place?

2. Explain from history the facts referred to in the following lines, and state by whom they were spoken, and to whom addressed:—

(a) 'Thy Edward he is dead, that stabbed my Edward;
Thy other Edward dead, to quit my Edward;
Young York he is but boot, because both they
Match not the high perfection of my loss.
Thy Clarence he is dead, that killed my Edward.

(b) 'Who told me, in the field of Tewkesbury,
When Oxford had me down, he rescued me,
And said, "dear brother, live, and be a king"!'

3. Explain the following passages, assigning each to its speaker:—

(a) 'Whilst I a while obsequiously lament
The untimely fate of virtuous Lancaster,
Poor key-cold figure of a holy king.'

(b) 'Your aery buildeth in our aery's nest.'

(c) 'Your fire-new stamp of honour is scarce current.'

4. Explain the following words:—*Sennet, basilisk, teen, peize, pew-fellow, Humphrey Hour.*

5. Name the leaders of the various divisions of the army of the Ancients in the *Battle of the Books.*

6. Do the same for the Modern army.

7. How does Swift describe the appearance, the dwelling, and the train of the 'malignant deity called *Criticism*'?

8. What account does he give of the leader 'to whom the Fates had assigned a very short thread'?

9. Boswell tells us that he once asked Voltaire whether he could give him any notion of the situation of our ideas which we have totally forgotten at the time, yet shall afterwards recollect, and received for reply a very happy allusion to a passage in Thomson's *Seasons* (an apostrophe to the winds in *Winter*), commencing

'Where are your stores, ye powerful beings, say.'

Can you repeat the lines?

10. How is Lord Chesterfield characterized in this poem?

11. *Monimia, Belvidera, Bevil*:—How are these names introduced? Where are they first met with?

12. Write geographical notes on the following names:—

Batavia, Cathay, Oby, Niemi, Tornea.

ENGLISH LANGUAGE AND LITERATURE.—

SECOND PAPER.

Examiner—THE PRESIDENT.

1. Give a short account of Pope's life, mentioning especially in what estimation he seems to have been held by the most eminent of his contemporaries.

2. Give Dr. Johnson's estimate of *The Essay on Criticism*, *The Rape of the Lock*, and the *Elegy on an Unfortunate Lady*.

3. What consolation does Gray, in the *Elegy in a Country Churchyard*, find for the obscure condition of the lowly farmer or peasant?

4. Explain the allusions in the following lines:—

'Here's fame to Pope, and wealth to Steele,
And all to Addison he will;
May Garth have practice, Congreve sight,
May Rowe get many a full third night;
Be gentle Gay's and Tickell's lot,
At least as good as Budgell got.'

PARNELL.

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5. Assign to their context, and explain the following passages:—

- (a) 'Ah fields beloved in vain!'
- (b) 'To Thee he gave the heavenly birth.'
- (c) 'When Latium had her lofty spirit lost,
They sought, O Albion! next thy sea-encircled coast.'
- (d) 'Beneath the good how far—but far above the great!'
- (e) 'Half of thy heart we consecrate'!

6. A distinguished writer, speaking of England in the reign of Queen Anne, says:—'Her armies were led by one of the most consummate soldiers in modern history. Her greatest genius in science, her greatest genius in architecture, and one of her wisest spirits in philosophy, were in full possession of their powers; "glorious John," the recognized chief of the Restoration poets, was but just dead, and his young rival was beginning to unfold his yet more consummate mastery of rhyme. The founders of English prose were equipping our literature with a new arm.'

Explain fully the allusions in this passage.

7. Mention the chief authors of English birth, the chief of Irish birth, and the chief of Scottish birth, who were alive in 1770; indicating the nature of the writings of each, and naming the chief works of age then published.

8. Where are the Rivers Arno, Douro, Tigris, Potomac; the Lakes Erie, Como, Erne, Ladoga, Derwentwater; the Straits of Bonifacio, Bass, Babelmandeb, Yenikale; the Islands Heligoland, Mauritius, Juan Fernandez, St. Helena, Cuba, Kerguelen?

FRENCH.

ARTS, MEDICINE, AND ENGINEERING.

Examiner—PROFESSOR STEINBERGER, M.A.

1. Translate into French:—

The Essayists who wrote in the early portion of the present century—Lamb, Hazlitt, and Hunt—are not only different from their predecessors as regards mental character; they differ from them also in the variety of the sub-

jects that engaged their attention. And this difference arises not only from the greater number of subjects attracting public interest in their day, but also from the immensely larger audience they had to address. They were not called upon to write for the town, but for town and country both. Society was reading in all its ranks, and each rank had its special interests. The Essayists' subject-matter had been vastly enlarged; great actors had trod the boards; great painters had painted; the older poets had come into fashion; outside nature had again reappeared in literature. The Essayist could weave an allegory, or criticise, or describe, or break a social enormity on the wheel, or explode an ancient prejudice, with the certainty of always finding a reader. Lamb, the most peculiarly gifted of the three—who thought Fleet Street worth all Arcadia—confined himself for the most part to the Metropolis, its peculiar sights, its beggars, its chimney-sweeps, its theatres, its old actors, its book-stalls; and on these subjects he discourses with pathos and humour curiously blended.

GRAMMAR.

1. Donnez les règles de l'emploi de l'infinitif en français. Exemples. Comparez avec l'usage de l'infinitif en latin et en anglais.

2. Donnez la 2^e personne, au singulier et au pluriel, (a) des verbes *voir*, *pourvoir*, et *pouvoir*, au futur; (b) des verbes *vouloir*, *savoir*, *mouvoir*, au présent du subjonctif; (c) des verbes *cueillir*, *tenir*, *croître*, au présent de l'indicatif; (d) des verbes *naître*, *paître*, *vivre*, au prétérit défini. Expliquez les formes dites irrégulières.

3. Expliquez la présence de la négation *ne* dans la phrase suivante: 'Il est moins riche que vous *ne* le pensez.' Pourquoi cette négation n'est-elle pas admise dans celles-ci: 'Est-il vraiment moins riche qu'on le dit?' 'Il n'est pas si riche que vous croyez?'

4. Indiquez le principe fondamental sur lequel sont basées les règles du subjonctif français. Etablissez la distinction entre ce mode et l'indicatif. Pourquoi les expressions *quel que*, *quoi que*, *sans que*, *à moins que*, gouvernent-elles le subjonctif?

5. Quel est le genre de *gens*? Expliquez en vertu de quelle règle on dit: 'd'heureuses gens'; 'toutes les vieilles gens'; 'tous les braves gens'; 'ces gens là sont fous.'

6. Comment le 'Causatif' est-il exprimé en français? Traduisez: 'I shall get it done. I made him do it. I'll have it done.'

7. Translate:—

I.

PHRASES IDIOMATIQUES.

Il n'a pas soufflé mot. Qui ne dit mot consent. Pouvez-vous me dire le mot de l'énigme? Il a toujours le mot pour rire.

J'ai fait mon chemin. Passez votre chemin. Il prétend faire la loi céans. Son opinion fait loi.

'Il faut payer d'effronterie' (Racine.) Je ne me paye pas de mauvaises raisons. J'ai toujours payé de ma personne.

Vous nous avez manqué. Vous nous avez manqués. La récolte a manqué partout.

J'ai été condamné; mais j'en ai rappelé. Rappelez-moi au souvenir de votre père.

La vie se passe à mettre de côté des souvenirs pour l'âge où l'on perd la mémoire.

II.

BERNARD. Si son fils revenait!... Supposons qu'il revienne en effet... Supposons que, laissé pour mort sur un champ de bataille, il se soit vu traîné de steppe en steppe jusqu'au fond de la Sibérie. Après cinq ans d'une horrible captivité, il va revoir son vieux père qui ne l'attend plus... Il part, il traverse gaîment les plaines désolées. Il arrive, son père est mort, son héritage est envahi, il n'a plus ni toit ni foyer. Il s'informe, et bientôt il apprend qu'on a profité de son éloignement pour capter un vieillard crédule et sans défense; il apprend qu'après l'avoir amené à se déposséder, on a payé ses bienfaits de la plus noire ingratitude. Que fera-t-il alors? (Ce ne sont toujours que des suppositions.) Il ira trouver les auteurs de ces lâchetés et de ces trahisons, il leur dira: 'C'est moi, moi que vous

croyez mort, moi le fils de l'homme que vous avez dépouillé, laissé mourir d'ennui et de chagrin; c'est moi, Bernard Stamply!' Eux, que répondraient-ils?—MADLLE. DE LA SEIGLIÈRE.

III.

Translation at Sight.

UNE FORÊT PRÈS DU LAC ONÉIDA.

Sur nos têtes était étendu comme un vaste dôme de verdure. Au-dessous de ce voile épais, et comme au milieu des profondeurs humides du bois, l'œil apercevait une immense confusion : une sorte de chaos, des arbres de tous les âges, des feuillages de toutes les nuances, des herbes, des fruits, des fleurs de mille espèces, entremêlés, enlacés dans les mêmes lieux. Là des générations d'arbres se sont succédé sans interruption depuis des siècles, et la terre est couverte de leurs débris. Les uns semblent abattus depuis hier; d'autres, déjà à moitié enfoncés dans la terre, ne présentent plus qu'une écorce vide; d'autres enfin sont réduits en poussière et servent d'engrais à leurs derniers rejetons. Au milieu d'eux, mille plantes diverses se hâtent de se faire jour à leur tour. Elles se glissent entre ces cadavres immobiles, rampent sur leur surface, s'introduisent sous leur écorce flétrie, soulèvent et dispersent la poudre de leurs débris. C'est comme une lutte entre la mort et la vie. Quelquefois il nous arrivait de rencontrer un arbre immense que le vent avait déraciné; mais les rangs sont si pressés dans la forêt que malgré son poids il n'avait pu se faire jour jusqu'à terre. Il balançait encore ses rameaux desséchés dans les airs.

GERMAN.

ARTS, MEDICINE, AND ENGINEERING.

Examiner—PROFESSOR STEINBERGER, M.A.

GRAMMAR.

1. Write down any scheme of the declension of substantives with which you may be acquainted, giving examples for each declension, with its subdivisions and exceptions.

2. Give all the details connected with the declension of proper names of persons, countries, and places.

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3. Write down the irregular forms in the conjugation of *bitten, brechen, denken, empfehlen, essen, genießen, genesen, hauen, knetsen, raten, schneiden, vermögen, wissen, ziehen.*

4. The verbs *antworten, danken, drohen, gehorchen, glauben, and helfen*, which in English govern the accusative case, in German govern the dative. State how they must be translated when used in the passive voice, and form a sentence with each of them in illustration of your answer.

5. *Arbeiten, kämpfen, entkommen, schweigen einschlafen, fliehen, genesen, schwimmen, wohnen, wachsen, reiten, aufwachen, laufen.* Classify these intransitive verbs, as implying either a condition and an activity, or motion and change of condition, and state with which auxiliary the past compound tenses of each class are conjugated. Also point out those verbs in the list which take a different auxiliary when denoting an activity merely, or an activity with reference to place.

6. Name all the instances in which inversion of subject and verb occurs, and give examples of each.

COMPOSITION.

7. Translate into German:—

The boiling and ungovernable ardour of Prince Rupert brought about an engagement. The main body of the Royalists was commanded by the King himself, who displayed all the conduct of a prudent general and all the valour of a stout soldier. The battle was chiefly lost through a mistake of Prince Rupert, who, having routed the enemy's left wing, was so inconsiderate as to lose time in attacking the artillery of the enemy, which had been left with a good guard of infantry. Meanwhile the Royalists were hard pressed by the valour and conduct of Fairfax and Cromwell, and when Rupert rejoined the King he found the infantry totally discomfited. Charles exhorted the cavalry not to despair, and cried aloud to them: 'One charge more, and we recover the day!' But the disadvantages under which they laboured were too evident, and they could by no means be induced to renew the combat. Charles was obliged to quit the field, and leave the victory to the enemy. All the King's artillery and munitions of war

fell into their hands, and his infantry, after suffering heavily, was totally dispersed, so that scarcely any victory could be more complete.

8. Translate into English :—

I.

Als Kaiser Rothbart lobesam
Zum heiligen Land gezogen kam,
Da muß er mit dem frommen Heer
Durch ein Gebirge wüßt und leer.

Daselbst erhob sich große Noth,
Biel Steine gab's und wenig Brot,
Und mancher deutsche Reitermann
Hat dort den Trunk sich abgethan.
Den Pferden war's so schwach im Magen,
Fast muß der Reiter die Mähre tragen.

Ußland.

II.

Emil, der seit geraumer Zeit
Den Klugen wohl bekannt, bei seinen Büchern lebte,
Und mehr nach der Geschicklichkeit
Zu einem Amt, als nach dem Amte strebte,
Ward einst von einem Freund gefragt,
Warum er denn kein Amt noch hätte,
Da doch die ganze Stadt so rühmlich von ihm red'te,
Und mancher sich vor ihm schon in ein Amt gewagt,
Der nicht den zehnten Theil von seinen Gaben hätte.
Ich, sprach Emil, will lieber, daß man fragt,
Warum man mich doch ohn' ein Amt läßt leben,
Als daß man fragt, warum man mir ein Amt gegeben.

Gellert.

III.

Unprescribed Passage.

Im folgenden Jahre starb Franz II. Er hatte keine bedeutende Persönlichkeit gehabt: eine kleine, geschwächliche Gestalt, ein schüchternes Benehmen — aber viel Gutmüthigkeit. Maria Stuart beweinte in ihm aufrichtig den ersten Freund ihrer Jugend. Sie

verlor mit ihm die glänzendere ihrer Kronen und zugleich ihre zweite, schönere Heimath. Denn Katharina, jetzt Regentin Frankreichs, liebte sie nicht, und in Schottland war soeben ihre Mutter gestorben. So mußte sie denn zurück in den rauhen, halb barbarischen Norden. Am 15. August 1561 bestieg sie zu Calais das Schiff, welches sie nach Schottland führen sollte. Mit thränenschweren Augen stand sie auf dem Verdeck, nach der Küste Frankreichs schauend und wieder und wieder ein Lebewohl seufzend. Stundenlang, bis in den späten Abend hinein, stand sie traurig so neben dem Steuer; der Wind war schwach, das Land noch immer sichtbar. Man fragte sie, ob sie sich nicht in die Kajüte zurückziehen und zu Nacht speisen wolle. Sie lehnte es ab und befahl, ihr auf dem Verdeck ein Bett herzurichten. Sobald es tagen würde, solle der Steuermann sie rufen, falls die französische Küste noch in Sicht wäre. Ihr Wunsch wurde erfüllt: im Morgenstrahl sah sie den letzten Schimmer des Landes ihrer Jugend, ihres Glückes. „Adieu, Frankreich!“ rief sie; „es ist dahin. Adieu, Frankreich! Ich glaube, ich werde dich nie mehr wieder sehen.“ Nach fünftägiger Fahrt landete sie im Hafen von Edinburgh. Dort stieg sie zu Pferde und hielt Abends ihren Einzug in das alte Königsschloß Holyrood. — W. Pierson.

SCIENCE SCHOLARSHIP OF THE SECOND YEAR.

ALGEBRA AND ANALYTICAL GEOMETRY.

ARTS AND ENGINEERING.

Examiner—PROFESSOR DIXON, M.A.

ALGEBRA.

1. If two whole numbers having no common factor are such that the sum of their squares is a square, then they can be expressed as $m^2 - n^2$ and $2mn$, m and n being also whole numbers.

2. Sum to n terms the series $1 + 3x + 5x^2 + 7x^3 + \dots$

3. Eliminate x, y, z from the equations—

$$x^2 + yz = a, \quad y^2 + zx = b, \quad z^2 + xy = c, \quad x + y + z = 0.$$

4. Find the number of parts into which a circular area is divided by joining in all possible ways n points taken arbitrarily on the circumference.

5. In the expansion of $(x + y)^{3m}$ by the Binomial Theorem, show that the sum of the 1st, 4th, 7th . . . coefficients is

$$\frac{2}{3} \left\{ 2^{3m-1} - (-1)^{3m-1} \right\}.$$

ANALYTICAL GEOMETRY.

6. If the equation $ax^2 + 2hxy + by^2 + 2gx + 2fy + c = 0$ represents two straight lines, find the area of the triangle formed by these lines and the axis of x .

7. Two circles pass through the points $(0, 2)$ and $(1, 0)$ and cut the axis of x at an angle of 45° . Find their equations.

8. P is any point on an ellipse and CQ, CP are straight lines drawn from the centre, making equal angles with the major axis. CQ meets the normal at P in Q . Find the locus of Q .

9. Find the equation to the parabola which has the pole for focus and touches the conic

$$\frac{l}{r} = 1 + e \cos \theta$$

at the point whose vectorial angle is α .

10. Form the equation whose roots are the lengths of the tangents from any given point (ξ, η) to the parabola $y^2 = 4ax$.

GEOMETRY AND TRIGONOMETRY.

ARTS AND ENGINEERING.

Examiner—PROFESSOR DIXON, M.A.

GEOMETRY.

1. The sides of a triangle ABC touch the inscribed circle in L, M, N . AL, BM, CN meet the circle again in L', M', N' . The tangents at L', M', N' form a new triangle A', B', C' . Prove that A', B', C' lie on the productions of AL, BM, CN , respectively.

2. The two diagonals and a pair of opposite sides of a cyclic quadrilateral touch a circle. Show that the centre of this circle lies on the circumference of the circumscribed circle of the quadrilateral.

3. If two circles meet in two points, prove that they lie on the same plane or else on the same sphere.

4. $ABCD$ is a tetrahedron, and the edges AB, BC, CD, DA meet a plane in E, F, G, H . Prove that

$$AE \cdot BF \cdot CG \cdot DH = EB \cdot FC \cdot GD \cdot HA.$$

5. If the opposite sides of a tetrahedron are equal and perpendicular, show that all the sides are equal.

TRIGONOMETRY.

6. Show that $\sec \frac{\pi}{7} + \sec \frac{3\pi}{7} + \sec \frac{5\pi}{7} = 4$.

7. Solve a plane triangle in which

$$a = 5 \cdot 3463, \quad B = 47^\circ 26' 10'', \quad C = 82^\circ 37' 25''.$$

8. If A, B, C are the centres of three coaxial circles, r_1, r_2, r_3 their radii, α, β, γ the angles at which they cut any other circle, show that

$$BC \cdot r_1 \cos \alpha + CA \cdot r_2 \cos \beta + AB \cdot r_3 \cos \gamma = 0.$$

9. Prove that in a plane triangle

$$a \cos A + b \cos B + c \cos C = 4R \sin A \sin B \sin C.$$

10. In an equilateral spherical triangle (side a) if R, r are the radii of the circumscribed and inscribed circles, then

$$\tan r = \frac{1}{2} \tan R,$$

$$\operatorname{cosec} r = \sqrt{3} \cot \frac{1}{2} a,$$

$$\operatorname{cosec} R = \frac{1}{2} \sqrt{3} \operatorname{cosec} \frac{1}{2} a.$$

EXPERIMENTAL PHYSICS.

ARTS, MEDICINE, AND ENGINEERING.

Examiner—PROFESSOR ANDERSON, M.A.

1. Define *kinetic energy*. A force F is employed to stop a particle of mass m moving with a velocity v ; show that the kinetic energy is equal to the work done against this force before the particle comes to rest.

2. What is meant by the *pressure* at any point in a fluid? Show that it has the same value in all directions, and that in a heavy homogeneous liquid it is proportional to the depth below the free surface.

3. Explain the effect of pressure on the melting point of a substance. If a small increase or diminution of pressure has no effect on the melting point of a substance, what property of the substance could you infer?

4. Describe a method of measuring the specific heat of a solid by the fusion of ice.

5. What is meant by the capacity of a Leyden jar? and on what does it depend? How would you test which of two jars has the greater capacity?

6. When are two charges of electricity said to be equal? How would you show by experiment that, when a glass rod is rubbed with silk, the quantities of positive and negative electricity produced are equal?

7. A straight piece of unmagnetized iron wire is magnetized by holding it in the earth's magnetic field in a vertical position. Compare its moment with what it would be when held so as to make its induced magnetism strongest.

8. Describe Wheatstone's bridge, and explain how it can be used to measure resistances.

9. What is meant by resonance? and to what is it due? Two spherical resonators resound to notes whose interval is a fifth; compare their radii.

10. Explain clearly why achromatic combinations of lenses or prisms are possible.

SENIOR SCHOLARSHIP—CLASSICS.

GREEK.—FIRST PAPER.

Examiner.—PROFESSOR D'ARCY THOMPSON, M.A.*Prescribed Authors.*

1. Translate the following passages :—

I.

Μέρη δὲ τραγωδίας, οἷς μὲν ὡς εἶδεσι δεῖ χρῆσθαι, πρότερον εἵπομεν. κατὰ δὲ τὸ ποσὸν, καὶ εἰς ἃ διαιρεῖται κεχωρισμένα, τάδε ἐστί· πρόλογος, ἐπεισόδιον, ἔξοδος, χορικόν. καὶ τούτου τὸ μὲν, πάροδος· τὸ δὲ, στάσιμον. κοινὰ μὲν οὖν ἀπάντων ταῦτα. ἴδια δὲ, τὰ ἀπὸ τῆς σκηνῆς καὶ κόμμοι. ἔστι δὲ πρόλογος μὲν, μέρος ὅλον τραγωδίας τὸ πρὸ χοροῦ παρόδου. ἐπεισόδιον δὲ, μέρος ὅλον τραγωδίας τὸ μεταξὺ ὄλων χορικῶν μελῶν. ἔξοδος δὲ, μέρος ὅλον τραγωδίας μεθ' ὃ οὐκ ἔστι χοροῦ μέλος. χορικῶν δὲ, πάροδος μὲν, ἡ πρώτη λέξις ὄλου χοροῦ· στάσιμον δὲ, μέλος χοροῦ τὸ ἄνευ ἀναπαύστου καὶ τροχαιίου. κόμμος δὲ, θρήνος κοινὸς χοροῦ καὶ ἀπὸ σκηνῆς. μέρη μὲν οὖν τραγωδίας, οἷς μὲν ὡς εἶδεσι δεῖ χρῆσθαι, πρότερον εἶρηται· κατὰ δὲ τὸ ποσὸν καὶ εἰς ἃ διαιρεῖται κεχωρισμένα, ταῦτ' ἐστίν.—ARISTOTLE'S *Poetics*.

II.

Ἐγὼ δ' Ἡρακλέος ἀντέχομαι προφρόνως,
 ἐν κορυφαῖς ἀρετῶν μεγάλαις ἀρχαίων ὀτρύνων λόγον,
 ὡς, ἐπεὶ σπλάγχων ὑπο ματέρος αὐτίκα θαητὰν ἐς αἴγλαν
 παῖς Διὸς
 ὠδῖνα φεύγων διδύμῳ
 σὺν κασιγνήτῳ μόλεν,
 ὡς οὐ λαθὼν χρυσόθρονον
 Ἦραν κροκωτὸν σπάργανον ἐγκατέβα·
 ἀλλὰ θεῶν βασιλεῖα
 σπερχθεῖσα θυμῷ πέμπε δράκοντας ἄφαρ.

τοὶ μὲν οἰχθεισᾶν πυλᾶν
 ἐς θαλάμου μυχὸν εὐρὺν ἔβαν, τέκνοισιν ὠκείας γνάθους
 ἀμφελίξασθαι μεμαῶτες· ὁ δ' ὀρθὸν μὲν ἄντεινεν κᾶρα,
 πειρᾶτο δὲ πρῶτον μάχας,
 δισσαῖσι δοιοὺς αὐχένων
 μάρψαις ἀφύκτοις χερσὶν ἑαῖς ὄφιας·
 ἀγχομένοις δὲ χρόνος
 ψυχὰς ἀπέπνευσεν μελέων ἀφάτων.

PINDAR, *Nemean Ode*.

III.

Μενοῦμεν οὕτως ὥστ' ἐπεικάζειν τινὰ
 δόμους παραστείχοντα καὶ τὰδ' ἐννέπει
 ' τί δὴ πύλαισι τὸν ἰκέτην ἀπείργετε,
 Αἴγισθος εἶπερ οἶδεν ἔκδημός περ ὦν ;'
 εἰ δ' οὖν ἀμείψω βαλὸν ἐρκείων πυλῶν
 κᾶκείνον ἐν θρόνοισιν εὐρήσω πατρὸς,
 ἢ καὶ μολὼν ἐπειτὰ μοι κατὰ στόμα
 ἀρεῖ, σάφ' ἴσθι, καὶ κατ' ὀφθαλμοὺς βαλεῖ,
 πρὶν αὐτὸν εἰπεῖν ' ποδαπὸς ὁ ξένος ;' νεκρὸν
 θήσω, ποδώκει περιβαλὼν χαλκεύματι.
 φόνου δ' Ἐρινὺς οὐχ ὑπεσπανισμένη
 ἄκρατον αἷμα πίεται τρίτην πόσιν.
 νῦν οὖν σὺ μὲν φύλασσε τὰν οἴκῳ καλῶς,
 ὅπως ἂν ἀρτίκολλα συμβαίῃν τάδε·
 ὑμῖν δ' ἐπαιῶ γλῶσσαν εὐφημον φέρειν,
 σιγᾶν θ' ὅπου δεῖ καὶ λέγειν τὰ καίρια.
 τὰ δ' ἄλλα τούτῳ δεῦρ' ἐποπτεῦσαι λέγω,
 ξιφηφόρους ἀγῶνας ὀρθῶσαντί μοι.

ÆSCHYLUS, *Choephoroi*.

IV.

Μῶσαι Πιερίδες, συναείσατε τὰν ραδινάν μοι
 παιδ'· ὦν γάρ χ' ἄψησθε θεαί, καλὰ πάντα ποεῖτε.
 βομβύκα χαρίεσσα, Σύραν καλέοντί τυ πάντες,
 ἰσχυρὰν ἀλιόκαυστον, ἐγὼ δὲ μόνος μελίχλωρον.
 καὶ τὸ Ἴον μέλαν ἐστὶ καὶ ἅ γραπτὰ ὑάκινθος,
 ἀλλ' ἔμπας ἐν τοῖς στεφάνοις τὰ πρᾶτα λέγονται.

ἄ αἶξ τὰν κύτισον, ὁ λύκος τὰν αἶγα διώκει,
 ἄ γέρανός τ' ἄροτρον, ἐγὼ δ' ἐπὶ τὴν μεμάνημαι.
 αἰθέ μοι ἦς, ὅσσα Κροῖσόν ποκα φαντὶ πεπᾶσθαι,
 χρύσειοι ἀμφότεροί κ' ἀνεκείμεθα τᾶ' Ἀφροδίτᾳ,
 τὼς αὐλὼς μὲν ἔχοισα καὶ ἡ ῥόδον ἡ μᾶλον τύ,
 σχῆμα δ' ἐγὼ καὶ καινὰς ἐπ' ἀμφοτέροισιν ἀμύκλας.
 βομβύκα χαρίεσσ', οἱ μὲν πόδες ἀστράγαλοί τευς
 ἄ φωνὰ δὲ τρύχνος· τὸν μὰν τρόπον οὐκ ἔχω εἰπεῖν.

THEOCRITUS.

V.

Τὴν δὲ πόλιν ὅτι μὲν δεῖ κοινὴν εἶναι τῆς ἡπείρου τε καὶ τῆς
 θαλάσσης καὶ τῆς χώρας ἀπάσης ὁμοίως ἐκ τῶν ἐνδεχομένων,
 εἴρηται πρότερον· αὐτῆς δὲ πρὸς αὐτὴν εἶναι τὴν θέσιν εὐχεσθαι
 δεῖ κατατυγχάνειν πρὸς τέτταρα βλέποντας, πρῶτον μὲν, ὡς
 ἀναγκαῖον, πρὸς ὑγίειαν. αἶ τε γὰρ πρὸς ἕω τὴν ἔγκλισιν
 ἔχουσαι καὶ πρὸς τὰ πνεύματα τὰ πνέοντα ἀπὸ τῆς ἀνατολῆς
 ὑγιεινότεραι, δεύτερον δὲ κατὰ βορέαν· εὐχήμεροι γὰρ αὐταὶ
 μᾶλλον. τῶν δὲ λοιπῶν πρὸς τε τὰς πολιτικὰς πράξεις καὶ
 πολεμικὰς καλῶς ἔχειν. πρὸς μὲν οὖν τὰς πολεμικὰς αὐτοῖς
 μὲν εὐέξοδον εἶναι χρή, τοῖς δ' ἐναντίοις δυσπρόσοδον καὶ
 δυσπερίληπτον, ὑδάτων τε καὶ ναμάτων μάλιστα μὲν ὑπάρχειν
 πλῆθος οἰκείον· εἰ δὲ μή, τοῦτό γ' εὔρηται διὰ τοῦ κατασκευάζειν
 ὑποδοχὰς ὀμβρίοις ὕδασι ἀφθόνοισι καὶ μεγάλας, ὥστε μεδέ-
 ποτε ὑπολείπειν εἰργομένους τῆς χώρας διὰ πόλεμον. ἐπεὶ δὲ
 δεῖ περὶ ὑγείας φροντίζειν τῶν ἐνοικούντων, τοῦτο δ' ἐστὶν ἐν
 τῷ κείσθαι τὸν τόπον ἐν τε τοιούτῳ καὶ πρὸς τοιούτον καλῶς,
 δεύτερον δὲ ὕδασι ὑγιεινοῖς χρῆσθαι, καὶ τούτου τὴν ἐπιμέλειαν
 ἔχειν μὴ παρέργως.—ARISTOTLE'S *Politics*.

GREEK.—SECOND PAPER.

Examiner.—PROFESSOR D'ARCY W. THOMPSON, M A.

HISTORY.

1. Give an epitome of the history of Athens from the usurpation of Pisistratus to the establishment of the Democracy by Clisthenes.

2. Give the particulars and incidents connected with the conclusion of the Peace of Callias.

3. Give an epitome of the history of the Sicilian Greeks from the destruction of the Athenian Armament to the death of Timoleon.

PHILOLOGY.

1. What is there anomalous in the formations—*ἔβαλον* : *ἔπαθον* ?

2. What rule of Ablaut is common to all verbs in *μι* ?

3. In what way can you account for the presence of a nearly throughout all the three numbers of the sigmatic aorist ?

4. Give instances where the accent of the vocative case differs from that of the nominative in noun-substantive or adjective.

5. Give instances of the non-elision of the *intervocalic sigma* ; and account, if you can, for the irregularity.

6. Discuss the forms of the plural nominative in the words *χῶραι* : *ἵπποι*.

7. Give one example apiece for the use of a prothetic vowel before

initial	<i>ρ</i>
„	<i>λ</i>
„	<i>μ</i>
„	<i>φ</i>
„	a consonantal group.

COMPOSITION.

1. Translate into Greek Prose :—

Other incidents of a similar kind occurred ; and at length, to put an end to the schemes of ambitious demagogues, the Syracusans resolved to follow the example of the Athenians in establishing a kind of ostracism. The name of the institution was changed from ‘ostracism’ to ‘petalism,’ because the Syracusans found it convenient to use olive leaves instead of ‘ostraka’ for their votes, and at Syracuse a

simple majority was enough to send a man into exile, but in other respects the arrangements were the same. The innovation did more harm than good. It was found that the best citizens were driven into exile on suspicion of 'aiming at a tyranny,' and in consequence politics were renounced by all the higher classes. This was mischievous for them, for in the selfishness of private life they declined to luxury; and mischievous for the city, which was left to the guidance of the rabble. The result was faction and turbulence. A race of sycophants and demagogues arose, while the younger men devoted all their time to the cultivation of eloquence and argumentation. The material prosperity of the city increased, but the simple and earnest manner of life which had prevailed in old days tended to become obsolete. After a short trial petalism was discontinued.—EVELYN ABBOTT'S *History of Greece*, pt. ii., xii. 18.

LATIN.—FIRST PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate, with brief notes:—

(a) Sic igitur tum se levis ac diffusilis aether

Succidit et salso suffudit gurgite fossas.

LUCRETIUS, v. 467–482.

(b) Multaque praeterea languentia membra per artus

Expiratque foras in apertum promptaque caeli.

LUCRETIUS, vi. 797–817.

(c) De aquaeductu probe fecisti . . . non in decem.

CIC., *ad Att.*, XIII., vi. 1–4.

(d) Tu me iam rebare . . . verumtamen . . .

CIC., *ad Att.*, XIV., viii.

(e) Gratum quod mihi . . . tuque scribes.

CIC., *ad Att.*, XV., vii.

2. (a) What was the ethical purpose of the poem of Lucretius?

(b) In Lucretius v., did you notice any metrical peculiarity? any strange ablatives?

(c) In the account of the plague are there any apparent mistranslations of the Greek?

LATIN.—SECOND PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate, with brief notes :—

(a) Huius in adventum iam nunc et Caspia regna

Nunc quoque iam nimium gaudens popularibus auris.

VERG. *Aen.*, vi., 799-817.

(b) Vix ea dicta : dehinc progressus monstrat et aram

Remanque foro et lautis mugire Carinis.

VERG. *Aen.*, viii., 337-361.

(c) Miser homost, qui ipsus . . .

. . . rem de compecto geri.

PLAUT. *Capt.*, 461-484.

(d) Homines captivos qui catenis vinciunt

. . . tanto adstringunt artus.

PLAUT. *Men.*, 79-95.

(e) Immo edepol pallam . . .

. . . quam habeas frustratui.

PLAUT. *Men.*, 678-695.

(f) Igitur cupido Caesarem invadit . . .

. . . per superbiam inluserit.

TACITUS, *An.*, i., 61.

(g) Ab Romae, postquam Germanici . . .

. . . ereptum acrius doluit.

TACITUS, *An.*, ii., 82.

SENIOR SCHOLARSHIP—MODERN LANGUAGES
AND MODERN HISTORY.

FRENCH.

Examiner—PROFESSOR STEINBERGER, M.A.

HISTOIRE DE LA LANGUE FRANÇAISE.

1. Dites jusqu'à quelle époque on a décliné dans l'ancien français : les *noms*, les *adjectifs*, et les *pronoms*.

2. Déclinez selon l'ancienne déclinaison : les substantifs, *soer*, *ami* ; les adjectifs, *bon*, *dur*.

3. D'où dérivent les articles *le* et *un* ? Déclinez-les en mettant à côté de chaque cas français le cas latin du mot dont ils dérivent et le mot français moderne correspondant.

4. Donnez le vieux français correspondant aux articles contractés : *de les*, *à les*, *en le*, *en les*.

5. Citez des mots français dans lesquels le *français moderne* conserve encore sous la forme du vieux français l'article contracté formé avec la préposition *en*.

6. Faites une liste de mots qui se rattachent à la racine 'ag' (idée d'action) en distinguant les mots primitifs, les mots dérivés et les mots composés.

7. Expliquez :—

(a) la modification de la voyelle *e* du radical en *ie* dans *tenir*.

(b) la présence du *d* au futur de *tenir*.

LITTÉRATURE FRANÇAISE.

8. Faites une appréciation critique du *Discours de la Méthode* de Descartes.

9. Analysez les *Femmes Savantes*. Quel travers de son temps Molière voulait-il railler en écrivant les *Précieuses Ridicules*.

10. Développez la pensée de Buffon dans son *Discours sur le style* : 'Les œuvres bien écrites sont les seules qui passeront à la postérité.'

11. Quels sont les auteurs qui au Siècle de Louis XIV. ont le plus contribué au développement des idées philosophiques ? En quoi consiste ce développement ?

12. Translate into French :—

DESERT AND WATER.

From the beginning, the people of Egypt have had everything to hope from the river, nothing from the desert; much to fear from the desert, and little from the river. What their fear may reasonably be, anyone may know who looks upon a hillocky expanse of sand, where the hyæna prowls at night. Under these hillocks lie temples and palaces, and under the level sands a whole city. The enemy has come in from behind, and stifled and buried it. What is the hope of the people from the river anyone may witness who, at the regular season, sees the people grouped on the eminences, watching the advancing waters, and listening for the voice of the crier, or the boom of the cannon, which is to tell the prospect or event of the inundation of the year. Who can estimate the effect on a nation's mind and character, of a perpetual vigilance against the desert (see what it is in Holland of a similar vigilance against the sea); and of an annual mood of hope in regard to the Nile? Who cannot see what a stimulating and enlivening influence this periodical anxiety and relief must exercise on the character of a nation? And, then, there is the effect on their ideas. The Nile was naturally deified by the old inhabitants. It was a god to the mass, and at least one of the manifestations of deity to the priestly class. As it was the immediate cause of all they had, and all they hoped for, it was to them the good power; and the desert was the evil one.

IDIOM.

It is past 11 o'clock. Is it? This is past bearing. So they did in past times. Tell me the pass word. Are you going in for the pass examination? Open the box, I tell you, and put the money in. There it is in it. All right. Has she not put her hat on? They do nothing but go in and out. Will that do? He writes better than he did. As to dancing I have long done with it. Did you call? Yes, I did. Did you not call? Yes, I did. We waited for four hours.

GERMAN.

Examiner—PROFESSOR STEINBERGER, M.A.

COMPOSITION.

1. Translate into German :—

In every literary work there are two elements: there is the thought, or the thing to be said; there is the expression, or the manner of saying the thing. This latter element, especially when it takes any characteristic shape, we are accustomed to denominate style. And in every work of art the style is even of more importance than the thought: it is the artistic part, it is that through which the artist's personality becomes visible. The main body of the poem, or the novel, or the essay, consists necessarily of ideas which the writer did not originate, which he found ready-made to his hand, which have, in one shape or another, been used before; and his merit consists in the new forms into which he is able to work up the old material. He calls in the worn coin of thought, melts it down in secret crucibles, and re-issues it, bearing a fresh superscription and a new value. Thought is mine, yours, everybody's; but the artist lays hold of our thoughts, and works with them, as a sculptor works with his clays. The world does not need new thoughts so much as it needs that old thoughts be re-cast. The artist is not required to create his own materials.

LITERATURE.

2. Zustand der deutschen Wissenschaft und Poesie in der ersten Hälfte des siebzehnten Jahrhunderts.

3. Entwicklung des deutschen Dramas im 17. Jahrhundert, mit Angabe seiner Hauptvertreter.

4. Wallensteins Lager. Kurze Inhaltsangabe dieses Dramas, sowie Charakteristik der Hauptpersonen.

5. Welches ist die Idee die Goethes Faust zu Grunde liegt?

ELEMENTS OF THE HISTORY OF THE GERMAN LANGUAGE.

6. State the different derivations suggested for Germane. Give the etymology of Deutsch, and trace the development of its meaning.

7. Explain the terms Ablaut, Umlaut, Brechung.

8. In what German dialect has a second Lautverschiebung taken place? What changes did it produce?

9. Decline in the singular and plural im N. S. D. : tac, gebe, tal, herze.

10. How was negation and futurity expressed im N. S. D. ?

11. How do you explain the forms of the present tense : kann, muß ; and the past participles : können, müssen (*i. e.* er hat es thun müssen) ?

12. Translate into English :—

Wie seltsam glimmert durch die Gründe
Ein morgenröthlich trüber Schein !
Und selbst bis in die tiefen Schlünde
Des Abgrunds wittert er hinein.
Da steigt ein Dampf, dort ziehen Schwaden,
Hier leuchtet Gluth aus Dunst und Flor,
Dann schleicht sie wie ein zarter Faden,
Dann bricht sie wie ein Duell hervor.
Hier schlingt sie eine ganze Strecke,
Mit hundert Adern, sich durch's Thal,
Und hier in der gedrängten Ecke
Vereinsetzt sie sich auf einmal.
Da sprühen Funken in der Nähe,
Wie ausgestreuter goldner Sand.
Doch schau' ! in ihrer ganzen Höhe
Entzündet sich die Felsenwand.

Goethe, Faust.

ENGLISH LITERATURE.—FIRST PAPER.

Examiner—THE PRESIDENT.

1. Dryden speaks of ‘the noble poem of Palamon and Arcite, which is of the Epic kind, and perhaps not much inferior to the *Ilias* and *Aeneis*.’ Quote, or refer to, some passages of high poetical merit in the poem.

What was Chaucer’s age when he wrote it?

2. Explain the following sentences:—

(a) ‘The day approacheth of her attournyng.’

(b) ‘I saw Woodness laughing in his rage,
(The caroigne in the busshe with his throte y-
corve.’

(c) ‘Ne may with Venus hold champartye.’

(d) ‘For al day meteth men at unset stevene.’

(e) ‘I wol don sacrifice, and fyres beete.’

3. On what grounds did Arcite disallow Palamon’s claim to Emelye, as having seen and loved her first?

4. How is the plot of *Lear* unique in Shakspeare’s tragedies?

How is it distinguished from Beaumont and Fletcher’s plots? ‘Kotzebue,’ says Coleridge, ‘is the German Beaumont and Fletcher.’ Explain this remark.

5. Coleridge speaks of a scene in *Lear* as ‘more terrific than any a Michel Angelo, inspired by a Dante, could have conceived.’ Show your acquaintance with it.

6. Explain the following passages, naming the speakers:—

(a) ‘And let me still remain
The true blank of thine eye.’

(b) ‘Renege, affirm, and turn their halcyon beaks
With every gale and vary of their masters.’

(c) ‘Good King that must approve the common
saw,
That out of heaven’s benediction comest
To the warm sun.’

7. Two scenes of *King John* (between John and Hubert) are said to be unsurpassed for dramatic effect. Quote as much of them as you remember.

8. Point out the anachronism in each of the following sentences—

(a) 'The thunder of my cannon shall be heard.'

(b) 'Such as she is in virtue, beauty, truth,
Is the young Dauphin every way complete.'

(c) 'Have I not here the best cards for the game!'

9. What remarkable conjectural reading in *King John* was adopted by Theobald from Warburton?

How does Coleridge criticize it?

10. What characteristic, according to Coleridge, 'makes perhaps the greatest distinction, metrically considered, between Modern Languages and the Greeks and Latin'?

11. Who, according to Coleridge, 'first introduced the name and the works of Shakspeare to the admiration of the Germans'?

12. Which of Shakspeare's plays does Coleridge pronounce to be 'the most wonderful'?

'I know no part of Shakspeare that more impresses on me the belief of his genius being supernatural than this scene.' What scene does Coleridge refer to?

ENGLISH LITERATURE.—SECOND PAPER.

Examiner—THE PRESIDENT.

1. Exhibit in a tabular form Bacon's General Distribution of Human Learning; and state the principle on which the classification proceeds.

2. 'Knowledges are as pyramids.' What is the base, and what are the successive stages?

How does he describe the vertex?

3. Give the substance of Bacon's disquisition on Final Causes.

4. State the views which in the Four Epistles of the Essay on Man Pope talks of Man in various relations, and the conclusion to which he comes in each Epistle, and in his summary of the whole.

5. What does Pope describe as 'the end and aim of our being,' as to the two principles that reign in human nature, with the functions they discharge; and as to the origin of cities and societies?

6. What extraordinary compliments were paid to Congreve by the two greatest of his literary contemporaries?

7. Thackeray says—'The most brilliant company of friends that the world has ever seen.' He subsequently mentions another group 'equally famous.' Enumerate the members of each.

8. Hazlett says—'The finest piece of personal satire in Pope (perhaps in the world) is his character of Addison.' Quote the lines.

9. How does Thackeray, in the conclusion of his work, refute the opinion—That 'Men of letters are ill received, and held in light esteem'?

10. Arnold says—'It is no exaggeration to say that within one single decade, between 1798 and 1808, almost all Wordsworth's really first-rate work was produced.' Mention six poems that appeared in that period.

11. What does Arnold pronounce to be 'the end and aim of all literature'?

12. What two poets, according to Arnold, 'stand out by themselves among the English poets of this century'?

What poets does he set aside, and on what grounds?

13. Explain and give the context of the following sentences in Burke's Speech on American Taxation.

(a) 'A passion which is the instinct of all great minds.'

(b) 'Clarum et venerabile nomen.'

(c) 'Such a piece of diversified mosaic.'

(d) 'His ambition was of a noble and generous strain.'

(e) 'Arose another luminary, and for a moment was lord of the ascendant.'

14. Burke, in his speech on Conciliation with America, says—'Consulting that oracle (the genius of the English Constitution) I found four capital examples in a similar case before me.'

How does he argue from these precedents ?

15. Explain and give the context of the following sentences—

(a) 'When I first had the honour of a seat in this House.'

(b) 'It is the dissidence of dissent.'

(c) 'As Sir Edward Coke insulted an excellent individual.'

(d) 'To consult the genius of Philip the Second.'

(e) 'Ye gods, annihilate but space and time !''

16. What references are made in this speech to—

(a) The poet Glover ;

(b) The Religion of the Colonies ;

(c) The Study of Law ?

MODERN HISTORY.

Examiner—THE PRESIDENT.

1 Give some account of the disturbances in Ireland during the closing years of Elizabeth's reign, and show how they were adjusted during the reign of her successor.

2. Hallam says — This House of Stuart no more came in by a clear title than the House of Brunswick.' Prove this proposition.

3. Trace the descent of Queen Victoria from Mary Queen of Scots.

4. State the nature and origin of the Courts of Star Chamber and High Commission. When were these Courts abolished ?

5. Compare the principal grievances which required redress in England in 1640, and in France in 1789; and describe the measures proposed, and those adopted, for their removal.

6. Write historical notes on the following lines:—

‘What gave great *Villiers* to the assassin’s knife,
And fixed disease on *Harley’s* closing life?
What murdered *Wentworth*, and what exiled *Hyde*,
By kings protected, and to kings allied?’

7. Give the dates of the following battles, and name the commanders:—The Yellow Ford, Boyne, Benburb, Aughrim.

8. A great orator, speaking in the House of Commons, said:—‘You bartered the glories of Blenheim for the traffic in blood.’ Explain this.

9. What were the Scottish Heritable Jurisdictions? When were they abolished?

10. It has been said that ‘within the short period, 1757-59, three victories determined for ages to come the destinies of the world.’ Explain this.

11. Enumerate the leading public men in Ireland from the Revolution to the Legislative Union.

12. Explain the following passage, pointing out the anachronism and naming the ‘timorous slave’:—

‘Record that Fox a Briton died.
When Europe crouched to France’s yoke,
And Austria bent, and Prussia broke,
And the firm Russian’s purpose brave
Was bartered by a timorous slave—
Even then dishonour’s peace he spurned.’

13. ‘Such was the tragic and miserable end of the dynasty of Valois.’ Explain this statement.

14. What are the claims of Henry IV. of France to the title of ‘The Great’?

15. Name four Cardinals who, in the course of the 17th and 18th centuries, were Prime Ministers of France; and state in a general way the policy they pursued.

16. Sketch the history of ‘The Hundred Days.’

SENIOR SCHOLARSHIP—MATHEMATICS.

MATHEMATICS.

Examiner—PROFESSOR DIXON, M.A.

1. Prove that the Pascal lines of the hexagons formed by six points on a conic meet by threes in twenty points, and by fours in forty-five points.

2. Show that the common self-conjugate triangle of two conics that do not meet in real points must be real.

3. Prove that the direction-cosines of the principal normal to a twisted curve are

$$\left(\rho \frac{d^2x}{ds^2}, \rho \frac{d^2y}{ds^2}, \rho \frac{d^2z}{ds^2} \right).$$

4. Prove that the Jacobian of four concurrent surfaces passes through their common point, and, if they are of the same degree, has a double point there.

5. Prove that as the whole number x is indefinitely increased the value of the fraction

$$x^{m-1} \frac{1 \cdot 2 \cdot 3 \dots x}{m(m+1) \dots (m+x-1)}$$

converges to $\Gamma(m)$.

6. Trace the curves

$$\begin{aligned} x^2 + y^2 &= x(x^2 - y^2), \\ (x^2 + y^2)^2 + a^2(x^2 - y^2) + a^4 &= 0. \end{aligned}$$

7. Find the point on an ellipse at which the rate of increase of the curvature per unit length of arc is greatest.

8. Show that the complete primitive of the equation

$$\frac{dx^2}{1+x^4} = \frac{dy^2}{1+y^4}$$

is $x^2y^2 + 2xy \sec \alpha + (x^2 + y^2) \tan \alpha + 1 = 0$.

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9. Solve the equation—

$$y \frac{dy}{dx} = xf \left(y^2 - xy \frac{dy}{dx} \right).$$

10. Solve the equation

$$\frac{dy}{dx} + y^2 = \phi(x),$$

a solution $y = y_1$ being known.

SENIOR SCHOLARSHIP—NATURAL PHILOSOPHY.

MATHEMATICAL PHYSICS.

Examiner—PROFESSOR ANDERSON, M.A.

1. Prove that, when a system of forces is reduced in any manner to two, the volume of the tetrahedron, of which these are opposite edges, is constant.

2. Show how, from a knowledge of the curve described by a particle in a field of force, to find the field of force for which a chain coincident with this curve would be in equilibrium.

Find the law of force from a focus in order that a uniform chain may lie in an ellipse.

3. The hodograph of a central orbit is a circle whose pole lies on the circumference; prove that the orbit is a parabola.

4. If the path of a particle is the resultant of any number of simple harmonic motions, with any amplitudes and differences of phase, but of the same period, show that the path is an ellipse, and find the plane in which it lies.

5. Prove that a particle cannot be in stable equilibrium under the sole action of forces varying inversely as the square of the distance.

6. Find the shortest time of oscillation of a given rigid body under gravity, the axis about which it swings being horizontal.

7. Prove that, when a fluid is in equilibrium under conservative forces, the surfaces of equal temperature are equipotential surfaces.

Can equilibrium exist when the forces are not conservative?

8. Prove the existence, for a small pencil of light, of two focal lines at right angles. Find their positions when light radiated from a point is refracted at the edge of a prism in a principal plane.

9. Show that, for a biaxial crystal, the tangent plane to Fresnel's wave-surface which is perpendicular to an optic axis, touches the surface along the circumference of a circle

10. Prove that the error of refraction of a heavenly body varies as the tangent of the zenith distance. What observations are necessary to find the value of the coefficient of refraction?

EXPERIMENTAL PHYSICS.

Examiner—PROFESSOR ANDERSON, M.A.

1. Account, on the dynamical theory, for the pressure of a gas, and show that it is equal to $\frac{1}{3}\rho u^2$, where ρ is the density, and u the velocity of mean square.

2. Describe the state of stationary motion of the air in an open pipe when sounding its fundamental note; and show that it may be regarded as the resultant of two progressive waves propagated in opposite directions.

3. Give an experimental method of determining directly the specific heat of a gas at constant volume. What light does a knowledge of the ratio of the specific heats of a gas throw on the question of its atomicity?

4. Investigate, from thermodynamical considerations, the effect of a change of pressure on the melting point of a solid, and find a quantitative result.

5. If a curve be drawn giving the pressure-temperature relation when water and its saturated vapour exist together, what change occurs in the curve when the temperature is lowered till and after the water becomes frozen? Show that another curve of importance passes through this point.

6. Show that the energy due to any number of charged conductors may be assumed to exist in the dielectric between them, and that its value per unit volume is $KR^2/8\pi$, where K is the specific inductive capacity of the dielectric, and R the intensity of the field.

7. Find an expression for the energy per unit volume in a magnetic field, and deduce the behaviour of a small particle of a paramagnetic or diamagnetic substance when placed in a non-uniform magnetic field.

8. Explain how Hertz was able to produce and detect the presence of electrical waves of less than a metre in length.

9. What do you understand by the optic axis (or axes) of a crystal. When a doubly refracting crystal has only one optic axis, what property of the wave-surface can be inferred?

10. Describe Young's eriometer, and give theoretical explanations of the phenomena exhibited in using it.

METAPHYSICAL AND ECONOMIC SCIENCE.

Examiner—THE PRESIDENT.

1. ' We in this low world
Placed with our backs to bright Reality,
That we may learn with young unwonted ken
Things from their shadows.'

COLERIDGE,

State accurately the famous Platonic allegory embodied in these lines.

2. How has it been misunderstood?

3. In what meaning was the term *Common Sense* ($\kappa\omicron\iota\nu\eta$ $\alpha\acute{\iota}\sigma\theta\eta\sigma\iota\varsigma$) employed by Aristotle?

4. What works, according to Sir W. Hamilton, 'exhibit the first regular and comprehensive attempt to found philosophy on certain primary truths, given in certain primary sentiments and feelings'?

5. Sir W. Hamilton charges Reid with ignorance of the fundamental principle of the Cartesian Philosophy. What was this?

6. 'Natural Realism and Absolute Idealism are the only systems worthy of a philosopher: the scheme of Hypothetical Realism or Cosmothetic Idealism is not only repugnant to our natural beliefs, but in manifold contradiction with itself.' Define accurately the three systems of Perception given above; and state the grounds of Sir W. Hamilton's judgment of them.

7. Show that Sir W. Hamilton in his definition of 'the total and real object of Perception' modifies largely his Natural Realism, and approximates to Wordsworth's cosmological conception:—

'All the mighty world
Of eye and ear, both what they *half create*,
And what perceive.'

8. 'Because philosophers may disagree,
If sight by emission or reception be.'

DRYDEN.

Explain the former theory. What philosophers have held it?

9. What are the functions of the Elaborative and Regulative Faculties? Is the latter properly called a *Faculty*?

10. Distinguish between—(a) Sensation and Perception; (b) Memory and Reminiscence; (c) Imagination and Conception; (d) Knowledge and Belief; (e) Desire and Will.

11. What old theory of Democritus about the Senses does Hamilton revive?

12. Explain Hamilton's theory of the *Sublime*. What striking passage does he quote from Kant in illustration of its three forms?

ECONOMICS AND JURISPRUDENCE.

Examiner—PROFESSOR BASTABLE.

1. Compare succinctly the views of Prof. Marshall and Mr. Devas as to (a) the scope, (b) the method of economics. Add briefly such criticisms as seem needed.

2. Discuss generally the effects of progress on value, and consider particularly the changes in the values of corn and meat.

3. Estimate the advantages and disadvantages of the system established by the Bank Charter Act (1844).

4. What exceptions to the general rule of *laissez faire* would you admit? Give an example of each.

5. What do you understand by the term 'Constitutional Law'? Indicate its proper place in a legal system.

6. Give an outline of Austin's treatment of the question of liability.

7. Write a note on 'Prescription.' How does Maine account for the position of English Law on this point?

8. Account historically for the peculiarities of the law of (a) testamentary, (b) intestate succession in the later Roman Empire.

SENIOR SCHOLARSHIP—CHEMISTRY.

*FIRST DAY'S EXAMINATION.**Examiner*—PROFESSOR SENIER, PH.D.

[Candidates are only permitted to attempt FOUR questions.

Formulae and equations are to be used whenever possible.]

1. A white crystalline substance was examined as follows:—Heated on platinum foil, it melted, and then decomposed with evolution of ammonia, leaving a white solid which, on further heating, disappeared. Treated with acids, crystalline salts were obtained, also a crystalline platino-chloride. 0.2 gram

burned with cupric oxide and oxygen gave 0.1467 gram carbon dioxide and 0.121 gram water. 0.3 gram burned with cupric oxide, and the gases evolved passed through potassium hydroxide solution gave a residue not absorbed, corresponding in weight to 0.1399 gram. 0.42 gram of the platino-chloride ignited left a residue weighing 0.1542 gram. 0.2 gram dissolved in 20 grams of water lowered its freezing point $0^{\circ}.287$. Calculate the empirical formula of the compound; and, in view of the last two experiments, give its probable molecular formula, and the reason for your choice. (Pt = 194.3. Mol. lowering of freezing point for water = 19° .)

2. (a) What relation exists between asymmetrical carbon atoms and the physical behaviour of compounds which contain them?

(b) How many physical isomerides are possible of ethylidene lactic, tartaric, fumaric, and hexahydroterephthalic acids? Give the supposed structural formula of each.

3. In an experiment an excess of hydrogen was passed over red-hot copper oxide, when it was found that the copper oxide lost in weight 10.832 grams, and that water was formed which weighed 12.197 grams. Calculate from this result the percentage composition of water; also the combining equivalent by weight of oxygen. State further what number is taken as the atomic weight of oxygen, and why?

4. Give two reactions suitable for the preparation of each of the following substances:—acetamide, benzamide, methylamine, and amidobenzene. Explain the behaviour of these compounds towards nitrous acid, of the two former towards potassium hydroxide. How may the two latter be converted into mustard oils.

5. Adduce evidence to show that, in the case of acetoacetic ester, and other compounds, the presence of negative groups, such as carbonyl or nitroxyl, induces basicity in neighbouring groups containing hydrogen atoms. Compare the influence of negative groups with that of closed carbon chains on the character of hydroxyl radicals.

6. Explain the structural relationship of the following groups of isomerides:—glucoses, fructoses, gluconic acids; also of the molecules of saccharose, lactose, maltose, and sorbitol.

SECOND DAY'S EXAMINATION.**LABORATORY WORK.**

[Give the results at which you arrive, together with full experimental proof. Describe the methods employed, and give the equations, weighings, and calculations. Marks will be given for excellence in manipulation.]

Test by experiment the validity of Dalton's Law of Combination in Multiple Proportions in the case of the two compounds given to you—[cupric oxide, cuprous oxide].

SENIOR SCHOLARSHIP—NATURAL HISTORY.

Examiner—PROF. RICHARD J. ANDERSON, M.A., M.D., F.L.S.

1. Give an account of the Cetacea.
2. Describe the structural elements in the skull of an Ophidian.
3. Describe the life-history of a Fern.
4. Compare the electrical properties of Animals with those of Plants.

BLAYNEY EXHIBITION—SCIENCE.**MATHEMATICS.**

Examiner—PROFESSOR DIXON, M.A.

1. Find the locus of the poles with respect to the curve $xy = R^2$, of all tangents to the curve $x^2 - y^2 = c^2$.
2. If the normal at P to a parabola meets the curve again in Q , and if PQ subtends a right angle at the focus S , show that SQ is double of SP .
3. A system of conics is described through the vertices and centroid of a triangle. Prove that the locus of the centres is an ellipse inscribed in the triangle.

4. Find by Horner's method the positive root of the equation $x^3 + 3x^2 = 5$ correct to two places of decimals. Are the other roots real or imaginary?

5. Given $u = \phi + e \sin u$, find the expansion of $\cot u$ in terms of ϕ and e , and in fact in ascending powers of the latter.

6. Trace the curves

$$\begin{aligned}x^2(x+y) &= 2xy + 3 \\ x(x^2+y^2) &= 2x+y.\end{aligned}$$

7. If a hyperbola is inverted with respect to any centre, show that the inverse curve has a crunode at the centre of inversion, and that the inverses of the asymptotes are the circles of curvature of the two branches at the crunode.

8. If

$$u_n = \int_0^\pi \frac{\sin(2n+1)\theta}{\sin\theta} d\theta,$$

n being a positive integer, prove that $u_n = u_{n-1}$, and find its value.

9. Prove, by the substitution

$$\tan \frac{\phi}{2} = e^u \tan \frac{\theta}{2},$$

that

$$\int_0^\pi (\cos hu - \sin hu \cos \phi)^n d\phi = \int_0^\pi \frac{d\phi}{(\cos hu - \sin hu \cos \phi)^{n+1}}.$$

10. Find the area common to the two ellipses

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1 \quad \text{and} \quad \frac{x^2}{b^2} + \frac{y^2}{a^2} = 1.$$

NATURAL PHILOSOPHY.

Examiner—PROFESSOR A. ANDERSON, M.A.

1. Prove that a system of forces in a plane can in general be reduced to two forces, one of which is a given force, and give the exceptional case.

D, E, F are the middle points of the sides of a triangle ABC , and L, M, N the feet of the perpendiculars from the angles, on the opposite sides. Find the resultant of forces DL, EM, FN .

2. Prove the principle of virtual work for any system of forces in a plane.

A regular pentagon formed by five freely jointed bars of equal weight stands with one side on a smooth horizontal plane, and is kept in position by a bar (without weight) joining the middle point of the lowest bar to the opposite joint; compare the stress in the upright bar with the weight of each of the other bars.

3. Show how to find the direction of motion at any instant of a particle projected from a given point P in a given direction with velocity V , and find its range on an inclined plane through P .

A particle is projected upward along an inclined plane from a point P in it so as to cut two horizontal lines at distances h and h' from P at angles γ , γ' respectively. Show that the direction of projection makes with either line an

$$\text{angle} \quad \tan^{-1} \left(\frac{h' \tan^2 \gamma - h \tan^2 \gamma'}{h' - h} \right).$$

4. Define Simple Harmonic Motion.

A particle is projected with velocity u from a distance a directly towards a centre of force which attracts with a force proportional to the distance. Find the time of describing any space.

5. A fine string has two masses M , M' tied to its ends, and passes over a rough pulley whose centre is fixed. If the string does not slip over the pulley, then M will descend and M' ascend with an acceleration equal to

$$g (\dot{M} - M') / (M + M' + mk^2/a^2)$$

where m is the mass, a the radius and k the radius of gyration of the pulley about its centre.

If the pulley be not sufficiently rough to prevent slipping, show that the acceleration will be

$$g (M - e^{\mu\pi} M') / (M + e^{\mu\pi} M'),$$

and find the angular acceleration of the pulley.

6. Show that the fluid pressures on any closed surface wholly immersed in a heavy homogeneous fluid have a single resultant, and state its magnitude and direction.

A solid is formed by the revolution of a semicircle of radius a about its bounding diameter through an angle α , and the solid is immersed with one plane face in the surface of a heavy fluid; show that the magnitude of the resultant pressure on the curved surface of the solid is

$$\frac{2}{3} a^3 g \rho (a^2 - 2a \sin \alpha \cos \alpha + \sin^2 \alpha)^{\frac{1}{2}}.$$

7. Explain the action of a condensing air-pump.

Show that if the density of the air in a receiver of volume v be increased tenfold, energy amounting to at least πv ($10 \log_e 10 - 9$) must be expended, where π is the atmospheric pressure, and the temperature is supposed uniform throughout.

8. Find the relation between the distances of conjugate foci from the centre of a spherical refracting surface.

Show that if the radius of a person's cornea be $\frac{1}{3}$ of an inch he cannot see anything distinctly when he holds his head under water unless his least distance of distinct vision be less than 1 inch, the index of refraction from air to water being $\frac{4}{3}$.

9. Define the principal foci and the principal points of a thick lens, and determine their positions.

Prove that if one face of the lens be plane, one principal point is in the other face and that the distance of the other from it is to the thickness as $1 : \mu$ where μ is the refractive index.

10. Describe the phenomena of moon-light as seen by a person at the north pole during the winter months.

BLAYNEY EXHIBITION—CLASSICS.

GREEK.—FIRST PAPER.

Examiner—PROFESSOR THOMPSON, M.A.

1. Mark the scansion of the following lines by perpendicular lines dividing off the several feet:—

- (a) ὦ Ἡράκλεις, ταυτὶ ποδαπαὶ τὰ θηρία ;
 (b) κυκλίων τε χορῶν ἄσματοκάμπας, ἄνδρας μετεωροφένακας. . . .
 (c) οὐδ' ἂν διαλεχθείην γ' ἀτεχνῶς τοῖς ἄλλοις, οὐδ' ἂν ἀπαντῶν. . . .
 (d) τὸν στέφανον ἀφηρέθη· μᾶλλον γὰρ οὕτως εἴσεται. . .
 (e) ὦ Σωκρατίδιον φίλτατον. τί, ὦ γέρον ;
 (f) σκέψαι δὲ τοὺς ἀλεκτρυόνας καὶ τᾶλλα τὰ βοτὰ ταυτὶ. . . .
 (g) ἡμῶν ἐκείνοι, πλὴν ὅτι ψηφίσματ' οὐ γράφουσιν. . . .
 (h) κάπειτ' ἐπαναβὰς ἐπὶ τὸ φροντιστήριον. . . .

2. Translate the following passages from the prescribed authors, adding explanatory notes where you think them required:—

I.

οὐδ' ἔσκωψε τοὺς φαλακρούς, οὐδὲ κόρδαχ' εἴλκυσεν·
 οὐδὲ πρεσβύτης ὁ λέγων τᾶπη τῇ βακτηρία
 τύπτει τὸν παρόντ', ἀφανίζων πονηρὰ σκώμματα·
 οὐδ' εἰσῆξε δᾶδας ἔχουσ'· οὐδ' Ἰού, Ἰού, βοᾶ·
 ἀλλ' αὐτῇ καὶ τοῖς ἔπεσιν πιστεύουσ' ἐλήλυθε.
 κἀγὼ μὲν τοιοῦτος ἀνὴρ ὦν ποιητής, οὐ κομῶ,
 οὐδ' ὑμᾶς ζητῶ ἔξαπατᾶν, δις καὶ τρις ταῦτ' εἰσάγων·
 ἀλλ' αἰεὶ καινὰς ιδέας εἰσφέρων σοφίζομαι,
 οὐδὲν ἀλλήλαισιν ὁμοίας, καὶ πάσας δεξιάς·
 ὅς μέγιστον ὄντα Κλέων' ἔπαισ' εἰς τὴν γαστέρα,
 κοῦκ ἐτόλμησ' αὐθις ἐπεμπηδῆσ' αὐτῷ κειμένῳ.
 οὔτοι δ', ὡς ἅπαξ παρέδωκεν λαβὴν Ὑπέρβολος,
 τοῦτον δείλαιον κολετρῶσ' αἰεὶ καὶ τὴν μητέρα.
 Εὐπόλις μὲν τὸν Μαρικᾶν πρῶτιστον παρείλκυσεν,

ἐκστρέψας τοὺς ἡμετέρους Ἴππέας κακὸς κακῶς,
προσθεὶς αὐτῷ γραῦν μεθύσῃν, τοῦ κόρδακος σὺνεχ', ἦν
Φρύνιχος πάλαι πεποιήχ', ἦν τὸ κῆτος ἦσθιεν.

ARISTOPHANES, *Clouds*.

II.

οἶον τὸ πραγμάτων ἐρᾶν
φλαύρων. ὁ γὰρ γέρων
ἐραστήσας
ἀποστερηῆσαι βούλεται
τὰ χρήμαθ' ἀδανείσατο·
κούκ ἔσθ' ὅπως οὐ λήψεταιί
τι πρᾶγμ', ὃ τοῦτον ποιή-
σει τὸν σοφιστήν, ὧν πανουρ-
γεῖν ἤρξατ' ἐξ-
αίφνης λαβεῖν κακόν τι.
οἶμαι γὰρ αὐτὸν αὐτίχ' εὐ-
ρήσειν, ὅπερ πάλαι
ποτ' ἐζήτει,
εἶναι τὸν υἱὸν δεινόν οἱ
γνώμας ἐναντίας λέγειν
τοῖσιν δικαίοις, ὥστε νι-
κᾶν ἅπαντας, οἷσπερ ἂν
ξυγγένηται, κᾶν λέγῃ
παμπόνηρ'· ἴσως ἴσως
βουλήσεται
κάφωνον αὐτὸν εἶναι.

Ibid.

III.

Πολλοὶ δὲ πλέξαντες εὖ, λύουσι κακῶς. Δεῖ δὲ ἄμφω αἰεὶ κροτεῖσθαι. Χρῆ δὲ, ὅπερ εἴρηται πολλάκις, μεμνήσθαι, καὶ μὴ ποιεῖν ἐποποιικὸν σύστημα τραγωδίας. Ἐποποιικὸν δὲ λέγω τὸ πολύμυθον. Οἶον, εἴ τις τὸν τῆς Ἰλιάδος ὄλον ποιοῖ μῦθον. Ἐκεῖ μὲν γὰρ διὰ τὸ μῆκος λαμβάνει τὰ μέρη τὸ πρέπον μέγεθος· ἐν δὲ τοῖς δράμασι πολὺν παρὰ τὴν ὑπόληψιν ἀποβαίνει. Σημεῖον δέ· ὅσοι πέρσιν Ἰλίου ὄλην ἐποίησαν, καὶ μὴ κατὰ μέρος, ὥσπερ Εὐριπίδης Ἐκάβην, ἢ ὥσπερ Αἰσχύλος, ἢ ἐκπίπτουσιν, ἢ κακῶς ἀγωνίζονται. Ἐπεὶ καὶ Ἀγάθων

ἐξέπεσεν ἐν τούτῳ μόνῳ. Ἐν δὲ ταῖς περιπετείαις καὶ ἐν τοῖς ἀπλοῖς πράγμασι στοχάζονται οὐ βούλονται θαυμαστοῦ τραγικὸν γὰρ τοῦτο καὶ φιλόφρων. Ἔστι δὲ τοῦτο, ὅταν ὁ σοφὸς μὲν, μετὰ πονηρίας δὲ, ἐξαπατηθῆ, ἄσπερ Σίσυφος· καὶ ὁ ἀνδρείος μὲν, ἀδικος δὲ, ἠττηθῆ. Ἔστι δὲ τοῦτο εἰκὸς, ὡσπερ Ἀγάθων λέγει. Εἰκὸς γὰρ γίνεσθαι πολλὰ καὶ παρὰ τὸ εἰκός. Καὶ τὸν χορὸν δὲ ἓνα δεῖ ὑπολαβεῖν τῶν ὑποκριτῶν καὶ μόριον εἶναι τοῦ ὄλου, καὶ συναγωνίζεσθαι, μὴ ὡσπερ Εὐριπίδης, ἀλλ' ὡσπερ Σοφοκλῆς. Τοῖς δὲ λοιποῖς τὰ διαδόμενα οὐ μᾶλλον τοῦ μύθου, ἢ ἄλλης τραγωδίας ἐστί. Δι' ὃ ἐμβόλιμα ἄδουσι, πρώτου ἄρξαντος Ἀγάθωνος τοῦ τοιούτου. Καίτοι τί διαφέρει ἢ ἐμβόλιμα ἄδειν, ἢ ῥήσιν ἐξ ἄλλου εἰς ἄλλο ἀρμόττειν, ἢ ἐπεισόδιον ὄλον;—ARISTOTLE, *De Poetica*.

3. Translate the following from unprescribed book:—

ῥάδιον δὴ τοῦτό γε καταμαθεῖν, ὅτι πλείω τε γένη περιέχει καὶ τῆς ἀρχῆς ὁ τρόπος ἐστὶν οὐχ εἰς πασῶν. ἢ γὰρ ἐν τῇ Λακωνικῇ πολιτείᾳ δοκεῖ μὲν εἶναι βασιλεία μάλιστα τῶν κατὰ νόμον, οὐκ ἔστι δὲ κυρία πάντων, ἀλλ' ὅταν ἐξέλθῃ τὴν χώραν, ἡγεμὼν ἐστὶ τῶν πρὸς τὸν πόλεμον· ἔτι δὲ τὰ πρὸς τοὺς θεοὺς ἀποδέδοται τοῖς βασιλεῦσιν. αὕτη μὲν οὖν ἡ βασιλεία οἷον στρατηγία τις αὐτοκράτωρ καὶ αἰδῖος ἐστίν· κτεῖναι γὰρ οὐ κύριος, εἰ μὴ ἐν τινὶ βασιλείᾳ, καθάπερ ἐπὶ τῶν ἀρχαίων, ἐν ταῖς πολεμικαῖς ἐξόδοις ἐν χειρὸς νόμῳ. δηλοῖ δ' Ὁμηρος· Ἀγαμέμνων γὰρ κακῶς μὲν ἀκούων ἠνείχετο ἐν ταῖς ἐκκλησίαις, ἐξελλοθέντων δὲ καὶ κτεῖναι κύριος ἦν. λέγει γοῦν

“ὄν δέ κ' ἐγὼν ἀπάνευθε μάχης . . .
οὐ οἱ . . .

ἄρκιον ἐσσεῖται φυγέειν κύνas ἢ δ' οἰωνούς·
παρ γὰρ ἐμοὶ θάνατος.”

ἐν μὲν οὖν τοῦτ' εἶδος βασιλείας, στρατηγία διὰ βίου, τούτων δ' αἱ μὲν κατὰ γένος εἰσὶν αἱ δ' αἰρεταί· παρὰ ταύτην δ' ἄλλο μοναρχίας εἶδος, οἷαι παρ' ἐνίοις εἰσὶ βασιλείαι τῶν βαρβάρων. ἔχουσι δ' αὐταὶ τὴν δύναμιν πᾶσαι παραπλησίαν τυρανίσειν, εἰσὶ δὲ καὶ κατὰ νόμον καὶ πατρικαί· διὰ γὰρ τὸ δουλικώτεροι τὰ ἦθη εἶναι φύσει οἱ μὲν βάρβαροι τῶν Ἑλλήνων οἱ δὲ περὶ τὴν Ἀσίαν τῶν περὶ τὴν Εὐρώπην, ὑπομένουσι τὴν δεσποτικὴν ἀρχὴν οὐδὲν δυσχεραίνοντες.—ARISTOTLE, *Politica*.

GREEK.—SECOND PAPER.

PHILOLOGY.

Examiner—PROFESSOR THOMPSON, M.A.

1. May Philology with propriety be regarded as a science? Give reasons *pro* or *con*, or *pro* and *con*.

2. Illustrate by two examples apiece the three methods of reduplication.

3. Illustrate by two examples apiece the several varieties of present hemo.

4. Illustrate by one example apiece the varieties of participial suffixes.

5. Discuss the cognates, ὠφελέω and ὀφείλω (ὄφελος).

6. Discuss the accentuation of the words:—λελεγμένος, λελυμένος, Τεισαμενός, φρούριον.

7. Account, if you can, for the use of prepositions being used with the dative.

8. Account, if you can, for the use of the genitive as an absolute case.

9. State what you regard as peculiar or noteworthy in the formation of the following words:—λύθητι, χίλιοι, χείσομαι, ἔχαδον, γράφω, τίκτω, ἰππότα, οἴκοι, οἴκοθεν, πανδημεί, ἡμεῖς, τρυφάλεια, βασιλεύω, δουλεύω, λύκος, βουκόλος, ὄνομα, ὀνόματα, ξυνελέγησαν, ἐκυρός, δεύτερος, πόλεων, Θηβαιγένης, φρεσί.

COMPOSITION.

10. Render into Greek prose the following:—

THE BATTLE OF LEUCTRA.

Some of the Lacedaemonians at the time, thinking their disaster an insupportable disgrace, exclaimed that they ought to prevent the enemy from erecting a trophy and endeavour to recover their dead, not by making a truce, but by fighting another battle. But the Polemarchs, seeing that of the Lacedaemonians, nearly a thousand in all, had lost their lives, and that of the Spartans, who were in the field to the number

of seven hundred, about four hundred had fallen ; and observing also that all the auxiliaries were too dispirited to renew the combat, and that some of them were not even concerned at what had happened, called a council of the chief officers and deliberated what course they ought to pursue ; and, as all were of opinion that they ought to fetch off the dead by truce, they accordingly despatched a herald respecting the truce. The Thebans soon after erected a trophy, and gave up the dead under truce. The news of the defeat reached Sparta on a day of high festival, the particulars of which were not allowed to be curtailed. The Ephors sent the names of the dead to their relatives, and gave notice to the women to make no lamentation, but to bear their affliction in silence. The day after, one might have seen those whose relatives had fallen appearing in public with looks of cheerfulness and joy ; but of those whose relatives were yet alive you would have seen but few, and those few going about with gloomy and dejected countenances.

LATIN.—FIRST PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate into Tacitean prose :—

The tidings of despair created a terrible commotion in the starving city. There was no hope either in submission or resistance. Massacre and starvation were the only alternatives. But if there was no hope within the walls, without there was still a soldier's death. For a moment the garrison and the able-bodied citizens resolved to advance from the gates in a solid column, to cut their way through the enemy's camp, or to perish on the field. It was thought that the helpless and the infirm, who would alone be left in the city, might be treated with indulgence after the fighting men had all been slain. At any rate by remaining the strong could neither protect nor comfort them. As soon, however, as this resolve was known, there was such wailing and outcry of the women and children as pierced the heart of the soldiers and burghers, and caused them to forego their project. They felt that it was cowardly not to die in their presence.—MOTLEY.

2. Translate into Virgilian hexameters:—

He was a chieftain of renown ; from youth
 To green old age, the glory of his tribe,
 The terror of their enemies ; in war
 An Alexander, and in peace an Alfred ;
 From morn till night he went to wield the spear
 With indefatigable arm, or watch
 From eve till dawn in ambush for his quarry,
 Human or brute ; not less in chase than fight,
 For strength, skill, prowess, enterprise unrivalled.
 But 'twas the hero's mind that made him great :
 His eye, his lip, his hand were clothed with thunder ;
 Thrones, crowns, and sceptres give not more ascendance,
 Backed with armed legions, fortified with towers,
 Than this imperial savage, all alone,
 From nature's pure beneficence derived.

MONTGOMERY.

PHILOLOGY.

3. 'The Latin 5th decl. is far from being uniform or primitive.' Illustrate this from *species, dies, spes*.

4. Account for the comparative rarity of reduplication in Latin perfects. Two accounts are given of *egi, feci, cepi*. Which is preferable?

5. How do you explain the forms, *vasa, causa, miser*, in the face of rhotacism? Mr. Conway's ingenious application of Verner's law would account for *Camena* and *carmen*, *Vesta* and *verna*, *primus* and *pristinus*?

6. 'The quantity of the vowel must be distinguished from that of the syllable.' Explain, and illustrate, by—*vectus, lectus, indoctus, insanus, infames*.

7. Latin has greatly altered primitive accentuation. How? What 'mutilated remains of proethnic accentuation' does it possess? What two types are peculiar to itself? To one of these M. V. Henry refers the doublings in *Iuppiter*, and *quattuor*, and the weakenings in *afficio*?

8. Write etymological notes on—*cur, unde, quom, idus, unus, bubulcus, sed, dixerunt*.

9. 'The thematic vowel preceding the termination is *o* in the 1st pers. sing. and plur. and 3rd pers. plur., elsewhere *e*.' This seems violated in one pers. in Latin. What account can you give of the phenomenon?

10. The reduction of the group *tst*, formed by the meeting of a dental explosive with a *t*, is remarkable. Explain *quassus*, *claustrum*, *pulsus*, *mensura*.

11. (a) There is only one true vocative in the imparisyllabic declension.

(b) What is the true nom. of this word?

(c) Ind.-Eur. had two forms, one normal, one deflected, of termination in the gen. sing. of the imparisyllabic declension. How are these represented in Latin?

(d) What explanation is given of the fut. in *-bo*? Its most serious defect is shown by comparison with *arefacio*.

(e) What are true genitives of *sollus*, *ecus*, *deus*.

12. Except in the nom. sing. the declension of *nubes* no longer differs from that of *ovis*. How was this brought about?

LATIN.—SECOND PAPER.

Examiner—PROFESSOR SANDFORD, M.A.

1. Translate:—

I.

Spes erat, in nymphas animata classe marinas
Posse metu monstri Rutulum desistere bello.
Perstat; habetque deos pars utraque, quodque deorum
est

Instar, habent animos. Nec iam dotalia regna,
Nec sceptrum soceri, nec te, Lavinia virgo,
Sed vicisse petunt, deponendique pudore
Bella gerunt. Tandemque Venus victricia nati
Arma videt, Turnusque cadit, cadit Ardea, Turno
Sospite dicta potens. Quam postquam barbarus ignis
Abstulit, et tepida latuerunt tecta favilla,
Congerie e media tum primum cognita praepes
Subvolat, et cineres plausis everberat alis.
Et sonus et macies et pallor et omnia, captam
Quae deceant urbem, nomen quoque mansit in illa
Urbis: et ipsa suis deplangitur Ardea pennis.

OVID, *Metam.*

II.

Non attingo Graecos, quorum non modo libertas, etiam libido impunita; aut si quis advertit, dictis dicta ultus est. Sed maxime solutum et sine obtrectatore fuit prodere de iis quos mors odio aut gratiae exemisset. Num cum armatis Cassio et Bruto, ac Philippenses campos obtinentibus, belli civilis causa, populum per conciones incendio? an illi quidem, septuagesimum ante annum perempti, quomodo imaginibus suis noscuntur, quas nec victor quidem abolevit, sic partem memoriae apud scriptores retinent? Suum cuique decus posteritas rependunt; nec deerunt, si damnatio ingruit, qui non modo Cassii et Bruti, sed etiam mei, meminerint. Egressus dein senatu vitam abstinentia finivit. Libros per aediles cremandos censuere patres: sed manserunt, occultati et editi. Quo magis socordiam eorum irridere libet, qui praesenti potentia credunt extingui posse etiam sequentis aevi memoriam. Nam contra punitis ingeniis gliscit auctoritas; neque aliud externi reges, aut qui eadem saevitia usi sunt, nisi dedecus sibi atque illis gloriam peperere.—TACITUS, *Annals*.

2. Translate, with notes:—

I.

Quicumque Iliacos ferro violavimus agros,—
 Mitto ea, quae muris bellando exhausta sub altis,
 Quos Simois premat ille viros,—infanda per orbem
 Supplicia et scelerum poenas expendimus omnes,
 Vel Priamo miseranda manus; scit triste Minervae
 Sidus, et Euboicae cautes, ultorque Caphereus.
 Militia ex illa diversum ad litus adacti,
 Atrides Protei Menelaus adusque columnas
 Exsulat; Aetnaeos vidit Cyclopas Ulixes.
 Regna Neoptolemi referam, versosque penates
 Idomenei? Libycone habitantes litore Locros?
 Ipse Mycenaeus magnorum ductor Achivum
 Coniugis infandae prima intra limina dextra
 Oppetuit; devictam Asiam subsedit adulter.
 Invidisse deos, patriis ut redditus aris
 Coniugium optatum et pulchram Calydona viderem?
 Nunc etiam horribili visu portenta sequuntur,
 Et socii amissi petierunt aethera pennis,
 Fluminibusque vagantur aves, heu dira meorum
 Supplicia! et scopulos lacrimosis vocibus implent.

II.

O soror, et dudum agnovi, quum prima per artem
 Foedera turbasti, teque haec in bella dedisti;
 Et nunc nequiquam fallis dea: sed quis Olympo
 Demissam tantos voluit te ferre labores?
 An fratris miseri letum ut crudele videres?
 Nam quid ago? aut quae iam spondet fortuna salutem?
 Vidi oculos ante ipse meos me voce vocantem
 Murranum, quo non superat mihi carior alter,
 Oppetere ingentem atque ingenti vulnere victum.
 Occidit infelix, ne nostrum dedecus Ufens
 Aspiceret; Teucris potiuntur corpore et armis.
 Exscindine domos, id rebus defuit unum,
 Perpetiar? dextra nec Drancis dicta refellam?
 Terga dabo? et Turnum fugientem haec terra videbit?
 Usque adeone mori miserum est? vos o mihi Manes
 Este boni: quoniam superis aversa voluntas.
 Sancta ad vos anima, atque istius inscia culpae
 Descendam, magnorum haud unquam indignus avorum.

Ibid.

III.

Immotum adversus eos sermones fixumque Tiberio fuit, non omittere caput rerum, neque se remque publicam in casum dare. Multa quippe et diversa angebant, validior per Germaniam exercitus, proprior apud Pannoniam; ille Galliarum opibus subnixus, hic Italiae imminens: quos igitur anteferet? ac, ne postpositi contumelia incenderentur. At per filios pariter adiri, maiestate salva, cui maior e longinquo reverentia. Simul adolescentibus excusatum quaedam ad patrem reiicere, resistentesque Germanico aut Druso posse a se mitigari vel infringi: quod aliud subsidium, si imperatorem sprevisset? Ceterum ut iam iamque iturus, legit comites, conquisivit impedimenta, adornavit naves: mox hiemem aut negotia varie causatus primo prudentes, dein vulgum, diutissime provincias fefellit.—
 TACITUS, *Ann.*

IV.

Rex Archelaus quinquagesimum annum Cappadocia potiebatur, invisus Tiberio, quod eum Rhodi agentem nullo officio coluisset. Nec id Archelaus per superbiam omiserat, sed ab intimis Augusti monitus, quia, florente C. Caesare missoque ad res Orientis, intuta Tiberii amicitia credebatur.

Ut versa Caesarum subole imperium adeptus est, elicit Archelaum matris litteris, quae non dissimulatis filii offensionibus clementiam offerebat, si ad precandum veniret. Ille ignarus doli, vel, si intellegere crederetur, vim metuens, in urbem properat; exceptusque immiti a principe, et mox accusatus in senatu, non ob crimina quae fingebantur, sed angore, simul fessus senio, et quia regibus aequa, nedum infima, insolita sunt, finem vitae, sponte an fato, implevit. Regnum in provinciam redactum est, fructibusque eius levare posse centesimae vectigal professus Caesar ducentesimam in posterum statuit.—*Ibid.*

3. (a) What do you know of the consulship of Tacitus?

(b) Give some account of the best MSS. of Vergil.

(c) What early commentaries on Vergil are extant?

4. (a) Describe the character of Drances, as far as possible, in Vergil's words. What historical person is said to be portrayed?

(b) What is the origin of the names *Camilla*, *Iuturna*? Who was the father of each?

(c) Give an account (1) of the short syllables which are irregularly lengthened; (2) of hiatus in *Aen.* xi. and xii.

(d) Mention some instances of alliteration, and of onomatopoeic lines.

(e) Quote some of the passages taken from Homer, and lines that have struck you for their beauty.

5. Comment on the following words and phrases:—
 abrupto sidere, pace sequestra, artificis scelus, Cupencus, dictamnum, valles, vixet, cassida, depositi parentis, mulc-
 tam morte, iusso, imo de stirpe recisum, sustinet a iugulo
 dextram, telumque instare tremescit, flores, mussare,
 sparus.

6. Explain the following:—

(a) Obruerent Rutuli telis animam ipse dedissem.

(b) Eludit gyro interior sequiturque sequentem.

(c) tempora ferro
 Summa notant pecudum paterisque altaria libant.

- (d) Tum magis ut propius cernunt non viribus aequis.
 (e) Limes agro positus litem ut discerneret agris.
 (f) Postquam arma dei ad Volcania ventum est.
 (g) Neque ipse manus feritate dedisset.
 (h) Solum Aeneas vocat. Et vocet oro.
 Nec Drances potius sive est haec ira Deorum
 Morte luat : sive est virtus et gloria, tollat.

7. Explain the following passages :—

(a) Novi iuris repertor Tiberius mancipari singulos actori publico iubet.

(b) Egressus augurali per occulta et vigilibus ignara.

(c) Quod gnarum duci incessitque itineri et praelio ; pars equitum, &c. [Mr. Palmer proposes an admirable emendation ?]

(d) Proficiscitur cognoscendae antiquitatis.

(e) Equester ordo cuneum Germanici appellavit qui iuniorum dicebatur, instituitque uti turmae idibus Iuliis imaginem eius sequerentur.

8. Comment on the following words and phrases as occurring in Tacitus :—pro, quis, tanquam, iuxta, ceterum, nescius, decucurrit, operatus, lucar, in acta sua iurare, in prominenti litoris, deportare lauream, diversus, vexillarii, elidere, reciproco sidere, astus, centurionatus, denserent ictus.

9. How does Tacitus express—short cuts ; they parted after a drawn battle ; direct and indirect taxes ; leave to resign senatorial rank ; make a feigned attack ?

10. (a) What virtue was longest retained by Tiberius ?

(b) Identify — Sallustius Crispus, Cercina, Rhamsen, Pyramus, Ara Ubiorum.

LAW SCHOLARSHIP—FIRST YEAR.

—
ENGLISH LAW.

Examiner—PROFESSOR CAMPION, Serjeant-at-Law.

1. 'A devise is made to *A*, and if he die without issue to *B*.'

State the legal construction of this devise before the Wills Act, and since that statute, and the principle of the original construction.

2. Classify tenants for life of real estate, and state statutory powers now annexed to that estate.

3. State the two leading rules at Common Law for the validity of a 'contingent remainder,' and statutory changes.

4. State some of the leading statutory changes introduced by the statute of 'descent.'

5. Give an example of 'merger' by the union of estates, and an exceptional case where the union of estates does not produce that result.

6. Devise to *A*, a widow, during her life, provided she remains a widow and unmarried, and after her marriage to *B* and his heirs during her life, and after her death to her heirs. What estate does she take?

7. Give examples of cases where the doctrine of 'Lapse' does not now occur by reason of the death of the devisee or legatee named.

8. State an exception to the general rule that forbids any restraint to be imposed on alienation of property.

9. Define the following: 'base fee,' 'tenant in tail after possibility of issue extinct.'

10. Describe the position and powers of disposition of a 'tenant quasi in tail' in possession, and in remainder, respectively.

11. Distinguish terms of years created by 'settlements for raising money' from ordinary leaseholds on the relation 'of landlord and tenant.'

12. Distinguish 'coparceners' from 'tenants in common.'

JURISPRUDENCE.

PROFESSOR BASTABLE, M.A.

1. Comment on the various meanings of the following terms:—nation, people, republic, sovereign, state.

2. Draw out a table showing the relations that exist between the several objects to which the term 'law,' in the widest sense, has been applied. Add explanatory notes.

3. Discuss the proper definition of the term contract, and give some account of the historical development of contracts in (a) English, (b) Roman law.

4. State and criticise Austin's remarks on each of the following:—bad motive, half-sovereign, international law, negative service, physical sanction.

5. Intention 'will be found to resolve itself into two things; foresight that certain consequences will follow from an act, and the wish for those consequences working as a motive which induces the act.' Comment fully on this statement.

6. Show, by appropriate illustrations, the way in which Roman law has influenced (a) ethics, (b) politics, (c) theology.

7. State the various elements that contributed to the formation of the English equity system.

8. Compare the development of the law of mortgage in (a) the Roman, (b) the English system.

9. Summarise Maine's account of the importance of the ceremony of *mancipatio* in the different departments of Roman law. Notice any objections that have been made to his views.

LAW SCHOLARSHIP—SECOND YEAR.

—
ENGLISH LAW.

Examiner—PROFESSOR CAMPION, Serjeant-at-Law.

1. State the two distinct grounds on which a Court of Equity grants relief in the case of 'constructive fraud.'
2. Classify mortgages. In the absence of an express proviso for redemption, is external evidence admissible to prove that a conveyance absolute in form is, in effect, a mortgage?
3. Distinguish an 'absolute sale with a condition for a re-purchase' from an ordinary mortgage.
4. To what extent and for whom will equity relieve on the ground of 'accident' in the following :—'defective execution' of powers, 'non-execution' of powers?
5. Give an example of a 'constructive trust' and the principle on which it is based.
6. State the origin of 'specific performance' in equity. When will the Court enforce a parol contract within the Statute of Frauds.
7. State the remedies available for an 'equitable mortgagee by deposit of title deeds.' What is his position in conflict with a subsequent mortgagee of the legal estate?
8. Describe the principle of 'election,' and the elements essential for its application.
9. In the administration of the assets of a man who has mortgaged his real estate, what is the primary fund for payment of the mortgage debt? State the statute on that subject.
10. To what extent, and with what limitation, does the maxim apply, 'equity follows the law'?
11. Define 'resulting trust.'
12. Describe a 'vendor's lien.'

INTERNATIONAL LAW.

PROFESSOR BASTABLE, M.A.

1. Discuss fully the various uses of the terms 'law,' and 'right.'
2. Compare the account of the sources of law given in the Institutes with that adopted by modern jurists.
3. Describe the general features of the *responsa prudentum* as given by Maine. Notice some of the chief contributors to this part of the law.
4. Give some account of the attempts at codification prior to Justinian's time.
5. Compare the position of the emancipated son with that of the freedman in the later Roman law.
- 6 Write a note on *capitis deminutio*. Does it always imply a change for the worse?
7. Explain the nature of *curatela*. By whom were curators appointed?
8. Classify the modes of acquisition recognised in the Institutes.
9. Translate and explain the following passages, noting specially the various technical terms employed:—
 - (a) Novissime sciendum est, rem talem esse debere, ut in se non habeat vitium, ut a bona fide emptore usucapi possit vel qui ex alia iusta causa possidet.
 - (b) Venditae vero et traditae non aliter emptori adquiruntur, quam si is venditori pretium solverit vel alio modo ei satisfecerit, veluti ex promissore aut pignore dato.

LAW SCHOLARSHIP—THIRD YEAR.

—
ENGLISH LAW.

Examiner—PROFESSOR CAMPION, Serjeant-at-Law.

1. State a case where a party may elect to bring, for the same cause, an action 'ex delicto,' or 'ex contractu.'
2. Define 'torts to relative rights,' and give examples. Is 'motive' material in that class of action?
3. When will a recital in a deed not operate as an 'estoppel'?
4. In the case of principal and agent, when the agent contracts without disclosing his principal, what are the rights and liabilities of the latter, respectively?
5. State the classifications laid down in 'Spencer's Case' in respect to covenants running with the land.
6. In reference to the liability of a master for an injury sustained by his servant from the negligence of a fellow-servant engaged in the common service of such master, state the former rule, and present statutory changes.
7. Distinguish the grounds required to sustain an action by a private individual in the following, respectively:—Breach of a 'public duty'; Breach of a 'private duty.'
8. In the case of written contracts, when external evidence of usage or custom is offered, with what qualifications is it received?
9. Is 'reciprocity of obligation' always essential to the validity of contract?
10. When a man becomes responsible for the debt of a third party, what is essential to bring the case within the Statute of Frauds?
11. As regards the elements essential to constitute ordinary crimes, distinguish conspiracy from the latter.
12. State the judicially settled rule as to the criminal responsibility of a person labouring under an insane delusion.

JURISPRUDENCE—INTERNATIONAL AND
CONSTITUTIONAL LAW.

PROFESSOR BASTABLE, M.A.

1. Write a short essay on the respective places of the analytical, historical, and comparative methods in the study of Jurisprudence.
2. Compare the Roman conception of delict with the English one of tort, and show how they help to explain the nature of liability.
3. Give a concise account of the codification of Roman law by Justinian.
4. Explain the following terms:—*anniculi probatio, familia, mancipatio, quasi-possessio, tutor legitimus.*
5. (a) Distinguish between *usus-fructus* and *usus*.
(b) What rights of way were recognised in Roman law?
(c) How were praedial urban servitudes created?
6. Give the various exceptions to the general rule of acquisition by *usucapio*.
7. Trace the development of the law of blockade. How does it seem likely to be effected in the future?
8. Indicate briefly the principal points of international law that arise in connexion with 'the Eastern Question.'
9. Notice the chief controversies respecting the nature of a peerage, and give some of the more important cases.

SENIOR SCHOLARSHIP IN LAW.

—
ENGLISH LAW.

Examiner—PROFESSOR CAMPION, Serjeant-at-Law.

COMMON LAW.

1. Distinguish 'Injuria sine Damno' from 'Damnum sine Injuria.' State the leading case and legal principles on which that distinction is founded.

2. To what extent is the conclusive effect of 'Res Judicata' limited. Compare an English Judgment with one obtained in a foreign country as regards its operation, and the mode of carrying it into execution.

3. State the classifications laid down in Spencer's Case, in reference to 'covenants running with the land.'

Does 'Merger of the Reversion' extinguish covenants incident to that reversion? State any Statutory change in that respect.

4. By settlement on marriage, the husband, receiving a portion with his wife, limits his estate to himself for life with a clause making such estate determinable on banks ruptcy, and subsequently he is declared a bankrupt. State the result as regards the estate, and the settled distinctions on this subject.

EVIDENCE.

1. Derivative evidence being admissible to prove 'Pedigree,' subject to what particular qualifications as to time and persons is such received?

Explain, in its legal sense, 'Lis mota,' in connection with the above.

2. Distinguish evidence of 'Res Gestæ' from 'derivative' evidence, and state the requirements for the application of the former.

3. All judicial evidence being 'direct' or 'circumstantial,' explain the position that circumstantial evidence is as original as direct evidence, and that it does not involve any incompatibility with the general rule requiring primary evidence.

4. Explain, by an example, the nature and operation of a 'Judgment in rem,' as distinguished from a 'Judgment in personam,' and state the legal principle on which the former is based.

EQUITY.

1. State the leading case, and define the doctrine of 'Presumptive advancement,' and 'Resulting trust,' respectively.

A parent purchases an estate, but takes the conveyance to his son and a stranger jointly; state the result in Equity as regards the beneficial interest in the estate.

2. Define 'Constructive trusts' as distinguished from 'Implied trusts.'

An estate 'pur autre vie' is, by settlement, limited to A quasi in tail, remainder to B. A subsequently surrenders that estate and acquires from the lessor a conveyance in fee of the same lands, and dies, having devised the lands to a third party. Can B claim the acquired estate on the ground of 'Constructive trust'?

3. State the requirements essential to the application of 'Constructive conversion' and its result in the subsequent devolution of property.

When may a party, beneficially interested, elect to take in its unconverted state, property directed to be converted?

4. In a suit for 'Specific performance,' state the rules judicially settled as to the admissibility or the inadmissibility of parol evidence to vary a written contract.

In the absence of a written document (in cases within the Statute of Frauds), what must be the nature of an Act to constitute it 'part performance.'

CRIMINAL LAW.

1. As regards the criminal responsibility of persons labouring under insane delusion, for acts committed by them, state some of the leading rules judicially settled in *McNaghten's Case*, 10 C. & F.

2. What constitutes 'Embezzlement'? Distinguish that crime from 'Larceny' by a servant.

As an element of the latter offence, define 'Constructive taking.'

3. 'Animus furandi' being essential to constitute larceny, how is that evidenced in the case of 'Appropriation of lost goods'?

4. To what extent does the law recognize incapacity to commit crime from immaturity of years?

REAL PROPERTY.

1. State the Statutory modifications of the rules at Common Law for the validity of 'Contingent remainders,' and the nature of the estate resulting from that change.

2. In what particular case, and on what ground, does the 'remoteness' of the event on which an executory limitation is to take effect, not affect its validity?



JURISPRUDENCE AND CIVIL LAW.

Examiner—PROFESSOR BASTABLE, M.A.

1. Discuss the meaning of the terms *sanction* and *remedy*, and consider the changes that have taken place in the character of sanctions and remedies. What light does this inquiry throw on the relation between civil and criminal law?

2. Trace historically the development of *contract*, and examine the chief definitions of the term that have been given. State your own definition.

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3. Show, by examples, the difficulties that surrounded the making of a valid will under Roman law, and indicate the various contrivances by which they were diminished.

4. Give an outline of the treatment of the subject of 'property' in the *Institutes*, and account for any peculiarities that you have noticed in the mode of treatment adopted.

5. State accurately the articles of the 'Declaration of Paris' (1856), and write a full historical note on any *one* of those articles.

6. Sketch the history of the controversy as to 'the ownership of the sea.'

7. What are the essential features of Constitutional Monarchy? Notice some of the common errors on this point.

8. Compare Presidential and Parliamentary Government; noticing the chief advantages and defects of each form.

MEDICAL SCHOLARSHIP—SECOND YEAR.

ANATOMY.

Examiner—PROFESSOR PYE, D.Sc., M.D.

1. Describe the *deltoid* and *gluteus maximus* muscles; and state precisely what is the action of each on the shoulder and hip-joints, respectively.

2. Describe the pterygoid processes of the sphenoid bone.

3. What arrangements of bones and ligaments of the tarsus permit or control antero-posterior, lateral, or rotatory movements? (omitting the ankle-joint).

4 and 5. Practical Examination in Dissecting-room.

CHEMISTRY.

Examiner—PROFESSOR SENIER, PH.D.

[Candidates are only permitted to attempt FIVE questions.
Formulae and equations to be used whenever possible.]

1. Berzelius passed hydrogen over an excess of red-hot cupric oxide when he found that the cupric oxide lost 10.832 grams in weight, and that water was formed which weighed 12.197 grams. From these results calculate (a) the percentage composition of water, (b) the combining equivalent by weight of oxygen.

2. Describe the method by which calomel is prepared, commencing with mercury, and explain the chemical changes involved. How may traces of corrosive sublimate be detected in impure calomel, and how may they be removed?

3. In what respects does argon differ from nitrogen, and how may it be obtained from the atmosphere?

4. Describe the phenylhydrazine test for glucose, and explain the chemical reactions which are involved.

5. How do the following substances behave when heated?—Silver chloride, silver cyanide, ammonium nitrate, copper nitrate, silver nitrate, disodium hydrogen phosphate.

6. Commencing with acetone, by what reactions is sulphonal obtained, and how is it related in constitution to acetone?

7. By what reaction is salicylic acid obtained from (a) oil of wintergreen, (b) phenol, and how is it related in structure to these compounds?

8. Describe two methods for the production of ozone. How may ozone be detected in the atmosphere?

ZOOLOGY.

Examiner—PROF. RICHARD J. ANDERSON, M.A., M.D., F.L.S.

1. Classify the Coelenterata. Give an account of Hydra.
2. Describe the nervous system in Crinoid and in a Leech.
3. Compare the vascular apparatus in an Earth-worm with that in a Snail, an Octopus, and a Vertebrate.

4. Give an account of the chief stages in the development of the Chick. Refer to such temporary conditions which will suggest to the permanent ones in other forms.

5. Describe the chief features of the alimentary canal throughout the Piscine group.

6. Compare the Rodent skull with that of a Carnivor, that of an Elephant, and that of a Ruminant.

7. Give an account of the functions of the spleen, and liver, and lateral organs and abdominal pores in certain animals.

BOTANY.

Examiner—PROF. RICHARD J. ANDERSON, M.A., M.D., F.L.S.

1. Give the chief modifications of the Stamens and Gynœcium with examples.

2. Describe the structures that come under the appellation *epidermal* in Botany.

3. Describe the course of the vascular bundles in the vascular Plants. What would you expect to see in vascular bundles of a Palm and in an Equisetum?

4. Describe the Solanaceæ. Give a list of Plants belonging to this order.

5. Compare the Caryophylleæ with the Primulaceæ and Labiataæ.

6. Give some account of transpiration and the circulation of fluids in Plants.

The following Papers were also set for this Examination:—

Natural Philosophy, see p. 331.

French or German, see pp. 322–328.

Papers for Scholarships of the Second Year in Arts.

MEDICAL SCHOLARSHIP—THIRD YEAR.

PHYSIOLOGY.

Examiner—PROFESSOR PYE, D.Sc., M.D.

1. Give a careful and detailed account of what is known of the relations of red blood-cells to oxygen gas, referring to the experiments and apparatus that are necessary.

2. What evidence is there of the power of (a) the small, (b) the large intestine to digest food?
Distinguish the different kinds of food.

3. What is the relation of blood-pressure to the function of (a) the kidney, (b) the lung, (c) absorption from intestine?

4 & 5. Practical work in Laboratory.

ANATOMY.

Examiner—PROFESSOR PYE, D.Sc., M.D.

1. Describe the superficial and deep origins of the 3rd, 5th, and 7th nerves (cranial).

2. Describe the precise position of (a) the spleen, (b) the kidney, (c) the pancreas. How may these organs be so fixed *post-mortem* as not to be disturbed by dissection?

3. Describe the nerve and blood supply of the hip and knee joints, respectively.

4 and 5. Practical Examination in Dissecting-room.

MATERIA MEDICA.

Examiner—PROFESSOR COLAHAN, M.D.

1. Give its characters and state how you would recognize "belladonnæ radix." Enumerate its pharmacopœial

preparations, give their constituents, and compare them with the preparations of "belladonnæ folia." Give the incompatibles and general therapeutic value of this drug.

2. Describe the characters of Conii Fructus. Enumerate the different methods of prescribing Conium, and give the pharmacopœial directions for preparing Unguentum Conii.

3. Criticise the following prescriptions :—

<p>Rx Liqr. Bismuthi, 3 i. Tr. Hyoscyami, ℥x. Liqr. Potassæ, ℥x. Syrupi Zingiberis, 3 i. Aq. Cinnamomi, ℥i.</p> <p>mx. Ft. haustus.</p>	<p>Rx Potass. Iodidi ℥ii. Spt. Ammon. Aromat. 3 iii. Spt. Ætheris nitrosi, 3 iii. Syrupi Aurantii, 3 ii. Infus. Gentianæ, mx. @ f 3 viii.</p> <p>Ft. mistura.</p>
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4. Contrast the action on the nervous system of opium in large and small doses, and describe in detail the hypnotic action of a combination of morphine, atropine, and chloral hydrate.

5. Identify the following specimens, and write under each its pharmacopœial preparations.

<p>No. 21 83 108 146 75</p>	<p>} } } } }</p>	<p>Museum Specimens.</p>
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CHEMISTRY—LABORATORY WORK.
 PROFESSOR SENIER, PH.D.

[Give results at which you arrive, together with full experimental proof. Marks will be given for excellence in manipulation.]

1. A substance in colourless crystals. [Sodium bromide.]
2. A yellow powder. [Mercuric oxy-sulphate.]
3. A substance in colourless crystals. [Sodium thio-sulphate.]

MEDICAL SCHOLARSHIP—FOURTH YEAR.

PHYSIOLOGY.

Examiner—PROFESSOR PYE, D.Sc., M.D.

1. Describe the methods by which the course of impressions along the white fibres of the cord has been established.
2. What is known as to a cortical (cerebral) centre for vision?
3. What results as to relation between stimulus and sensation are known as Weber's and Fechner's laws?
How far are they valid for touch, sight, hearing?
4. What is known of the function of—(a) the cerebellum, (b) the corpora quadragemina? Give the evidence.
- 5 & 6. Practical Examination in Laboratory.

MEDICINE.

Examiner—PROFESSOR LYNHAM, M.D.

1. Describe the symptoms which are met with in primary lateral sclerosis.
2. Write an account of progressive bulbar paralysis, referring chiefly to its pathology, symptoms, and prognosis.
3. How would you treat the following conditions occurring in enteric fever?—
 - (a) continued high temperature;
 - (b) hæmorrhage from the bowels;
 - (c) severe diarrhœa;
 - (d) peritonitis.
4. Describe the symptoms of rubeola (measles), and mention the chief complications and sequelæ.
5. What are the symptoms which, occurring in the second week of typhus, would render your prognosis doubtful or unfavourable?

SURGERY.

Examiner—PROFESSOR BRERETON, L.R.C.S.I.

1. A wound is aseptic or septic ; describe the treatment of each.
2. Describe Nelaton's line and Bryant's ilio-femoral triangle, with their use in diagnosis.
3. What are the positions of the fragments in the various fractures of the clavicle ?
4. State some of the theories of dislocation of the head of the femur called Sciatic, or into the notch.
5. In what diseases of the bone has trephining been recommended ?

OBSTETRICS AND GYNÆCOLOGY.

Examiner—PROFESSOR KINKEAD, M.D.

1. Describe fully application of forceps. Head in pelvis.
2. Enumerate causes of dysmenorrhœa. Select one and give symptoms and treatment.
3. Diagnosis of breech presentation.

SENIOR SCHOLARSHIP.

ANATOMY AND PHYSIOLOGY.

Examiner—PROFESSOR PYE, M.D.

1. Describe the human heart. The description is to include size, position, weight—absolute, and relative to body—capacity, rate of growth, arrangement of fibres, position of valves, development.
2. Describe the prostate gland, giving measurements, weight, structure ; and mention what is known of its structure.

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3. The right subclavian artery has been observed to arise from the descending aorta, and to pass behind œsophagus. Explain morphologically.

4. Describe (a) the fasciæ, (b) the nerves of the orbital cavity. What morphological explanations have been offered of the latter?

5. Explain what is meant by 'correlation of organs,' giving instances.

7. Examine Broca's views as to the connections and functions of the 'limbic lobe' of the brain.

8. The cell. (a) Give a historical account of the knowledge we possess on this subject; (b) a more detailed statement of the most recent additions to that knowledge. Refer to Bütschli's 'Foam Theory' and discuss its value.

9. Compare the functions of nutrition and respiration in the adult and embryo respectively.

11. } Practical Work.
12. }

ENGINEERING SCHOLARSHIP—SECOND YEAR.

CHEMISTRY.

Examiner—PROFESSOR SENIER, PH.D.

[Candidates are only permitted to attempt FIVE questions.
Formulae and equations to be used whenever possible.]

1. What takes place when hydrogen is led over red-hot cupric oxide? How is this reaction made use of to determine the combining equivalent by weight of oxygen?

2. Describe and explain two methods by which oxygen may be obtained from (a) the atmosphere; (b) water.

3. What reactions occur when air, freed from moisture and carbon dioxide, is passed repeatedly over red-hot copper, and over magnesium turnings heated to bright redness? Is there any residue, and, if so, what is its nature?

4. When phosphorus burns in air, a white powder results which combines with water in three successive proportions. Explain these reactions, and state how it is proved that the hydrogen of the water in each case becomes basic hydrogen.

5. How is calcium acetylide prepared? What reaction occurs when this compound is treated with water? How, and why, has it been proposed to utilize this reaction in the production of illuminating gas?

6. What gases are generally found dissolved in fresh spring water? How may they be separated from the water, and their respective proportions quantitatively estimated?

7. Describe the process of lime burning, and explain the chemical change which takes place. What analogy exists between this reaction and that which occurs when ammonium chloride is converted into vapour, or water is heated to a white heat?

ENGINEERING.

Examiner.—PROFESSOR TOWNSEND, M.A.

1. Given the projections of two lines, develop the angle between them, and construct the projections of a line bisecting that angle.

2. Given the three facial angles of a trihedral angle, construct the three dihedral angles, and prove the two conditions that the facial angles must satisfy.

3. A point a in the plane of a circle is 2 inches distant from the centre, the diameter of the circle is $2\frac{1}{2}$ inches, and the circle rolls along a right line, construct the curve traced by the point a , and show how to draw a tangent at any point of the curve.

4. From the accompanying plan and elevation of a pyramid, and traces of a plane, construct the projections of the intersection of the plane and pyramid, and develop the section in true magnitude.

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5. The directrix of an oblique cone is a circle lying in the horizontal plane, the projections of its vertex are given, also the projections of a right line; find the projections of the points where the line meets the cone.

6. Find on a plane whose traces are given a point which shall have given distances from two fixed points, one in the horizontal plane, the other in the vertical plane.

7. From the accompanying plan of a house you are required to construct its perspective. The position of the eye and picture plane are shown on the plans.

8. The representative fraction of a map is $\frac{1}{84480}$; construct a scale of miles sufficiently long to measure 9 miles, and show furlongs and chains by the diagonal method.

9. (a) Make a sketch of a Grecian Doric Order, and write on the names of the several members.

(b) Define a "Peripteral Temple," the plan being rectangular.

10. Describe the windows of each of the four styles of architecture, and a doorway of the perpendicular style.

The following Papers were also set for this Examination :—

Mathematics, see pp. 328–330.

French or German, see pp. 322–328.

Experimental Physics, see p. 331.

Papers for Scholarships of the Second Year in Arts.

ENGINEERING SCHOLARSHIP—THIRD YEAR.

MATHEMATICS.

Examiner—PROFESSOR DIXON, M.A.

1. A triangle PQR is self-conjugate with respect to a fixed circle whose centre is O . Prove that the tangent drawn from O to the circumcircle of PQR is of constant length.

2. Circles are drawn so that the lengths they intercept on the sides of a given triangle are in given ratios. Prove that the locus of the centres is a rectangular hyperbola.

3. Trace the curves

$$(x + y)^2 + (x - y)^2 = (2a)^2, \quad x^2 - y^2 = xy + x.$$

4. Prove that

$$1 + \frac{1}{3^2} + \frac{1}{5^2} + \frac{1}{7^2} + \dots = \frac{1}{8} \pi^2.$$

5. Prove the formula for finding the volume of a frustum of a triangular prism.

6. A', B', C' are the angles of the triangle formed by the chords of the sides of a spherical triangle ABC . Show that

$$\cos A' = \cos A \cos \frac{1}{2}b \cos \frac{1}{2}c + \sin \frac{1}{2}b \sin \frac{1}{2}c.$$

Hence prove that when the sides are indefinitely diminished, the limit of the ratio of $A - A'$ to E , the spherical excess, is

$$\cot B \cot C + 1 : 4.$$

7. Solve a spherical triangle in which

$$A = 147^\circ, \quad B = 62^\circ, \quad c = 13^\circ.$$

8. Differentiate

$$\log_{10} x, \quad \sin x^\circ, \quad \frac{1 - \tan^2 x}{1 + \tan^2 x}$$

with respect to x .

9. Find

$$\int \sec^4 x \, dx, \quad \int_0^\infty \frac{x \, dx}{1 + x^4}, \quad \text{and, graphically, } \int_0^2 (1 - x) \, dx.$$

10. Find the whole length of the curve

$$r = a(1 + \sin \theta).$$

MATHEMATICAL PHYSICS.

Examiner—PROFESSOR ANDERSON, M.A.

1. Show that any number of forces in a plane may generally be reduced to one. Find this resultant for the case of three forces P , Q , R , in a plane.

2. A ladder leans against a vertical wall, the coefficient of friction for ladder and ground being the same as for ladder and wall; show that, so far as slipping is concerned, it is advantageous to make the lower part of the ladder more massive than the upper part.

3. Define the centre of mass of a body, and find the position of the centre of mass of a lamina in the form of a quadrant of an ellipse.

4. Show that the path of a heavy particle in motion under the action of gravity is a parabola. Show that there are two directions of projection that a given object may be struck, and find the foci of the corresponding paths.

5. Define Simple Harmonic motion in a straight line, and show that the time of a complete period is

$$2\pi \left(\frac{\text{displacement}}{\text{acceleration}} \right)^{\frac{1}{2}}.$$

6. Define *work*. One end of an elastic string of length l is attached to a mass lying on the ground; find the work done in raising the other end vertically before the mass is lifted.

7. A smooth tube in the form of a circle is kept spinning with constant angular velocity about a vertical diameter; find the positions of equilibrium of a particle in it.

8. How would you find the resultant horizontal pressure in any direction on any surface immersed in a heavy homogeneous liquid? A hemisphere is immersed in water with

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its plane base vertical, the centre being at a given depth below the surface ; find the horizontal pressure in any direction on its curved surface.

9. Rays of light come from a point under the surface of water ; show that after refraction they are all normals to an ellipsoid of revolution.

10. Find the position of Mars relative to the Earth when the smallest fraction of its disc is illuminated.

CHEMISTRY—LABORATORY WORK.

Examiner—PROFESSOR SENIER, PH. D.

[Give the results at which you arrive, together with the full experimental proof. Marks will be given for excellence in manipulation.]

1. A substance in colourless crystals. Search for one basic and one acid radical. [Ammonium oxalate.]

2. A dark green powder. Identify it. [Chromic oxide.]

3. A white powder. Search for one basic and one acid radical. [Bismuth hydroxynitrate.]

ENGINEERING.

Examiner.—PROFESSOR TOWNSEND, M.A.

1. Read the Vernier, and explain the adjustments of the instrument set before you.

2. The angle between the extreme tangents of a railway curve is $126^{\circ} 36'$, the radius is 52 chains ; calculate the length of the tangent, the distance between the intersection of the extreme tangents, and the middle of the curve, and the length of the curve.

3. The base of a railway cutting is 30 feet, and the ratio of slopes $1\frac{1}{2}$ horizontal to 1 perpendicular; calculate the number of cubic yards in the cutting, and square yards in the slopes, from the following data:—

Depths—Feet.		Bidder's Tabular Numbers.		Distance in Chains.
		Black.	Red.	
0	7	40	8.6	4
7	13	252	24.4	3
13	20	676	40.3	5
20	25	1243	55.0	$2\frac{1}{4}$
25	18	1140	52.6	$4\frac{1}{2}$
18	6	381	29.3	$3\frac{1}{2}$
6	0	29	7.3	5

4. In a field A, B, C, D , bounded by four right lines, the perpendiculars from the vertices B and C , on the side AD , intersect it at the points E and F , $AD = 1185$, $AE = 110$, $BE = 352$, $AF = 745$, and $CF = 595$, the above measurements being in links; calculate the acreage of the field in both statute and Irish measure.

5. The altitude of a tower observed from a point on the ground is 30° , and the distance of the point from the base of the tower is 90 feet; a small error of 2 minutes was made in observing the altitude, calculate the corresponding error in the height of the tower.

6. Show how distances can be measured by two cross wires in the diaphragm of a level, and prove the equation. What should be the distance between the wires in inches so

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that 1 foot in height would correspond to a distance of 3 chains, the focal length of the lens being $12\frac{3}{4}$ inches ?

7. Calculate the flow in cubic feet per minute from a rectangular weir, 24 feet long, with two end contractions, the depth on the cill being 15 inches.

8. Construct the cross-section of a trapezoidal channel of the best form, given the mean velocity in feet per minute, the discharge in cubic feet per minute, and the angle of slope of the sides.

9. Sketch a modern water-closet, with mode of ventilation and drainage pipes, for a first-class house, and figure on dimensions of pipes.

10. Give sketches showing the difference between a double and a framed floor, writing the names on the different members.

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1895-6.

Patron,	The President.
Chairman,	J. Henry, M.A., B.E.
Vice-Chairman,	H. Ryan, B.A.
Treasurer,	J. McMurray.
Hon. Secretaries,	{ F. W. Lyons. W. J. Farley. R. J. McLean. D. S. Currie.
Committee.	{ H. R. Brown. J. K. C. Strain. J. S. Carmichael. A. J. Hewitt.

BIOLOGICAL SOCIETY.

(FOUNDED, 1889.)

This Society meets in the Physiological Laboratory on Friday evenings at 7.30 p.m.

President (1895-6),	Professor Pye, D.Sc., M.D.
Secretary,	A. W. Montgomery, B.A.

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1895-6.

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RUGBY.

Captain,	D. M'Kinley.
Vice-Captain,	H. Ryan.
Treasurer,	J. D. Pearson.
Hon. Secretary,	W. O'Dea.
Committee,	{ F. Rishworth. A. Staunton.

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Captain,	F. W. Lyons.
Vice-Captain,	A. A. Bull.
Treasurer,	J. D. Pearson.
Hon. Secretary,	J. McMurray.
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1895-6.

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Hon. Treasurer,	H. Brown.
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	{ R. A. Neilson.
	{ G. Watt.