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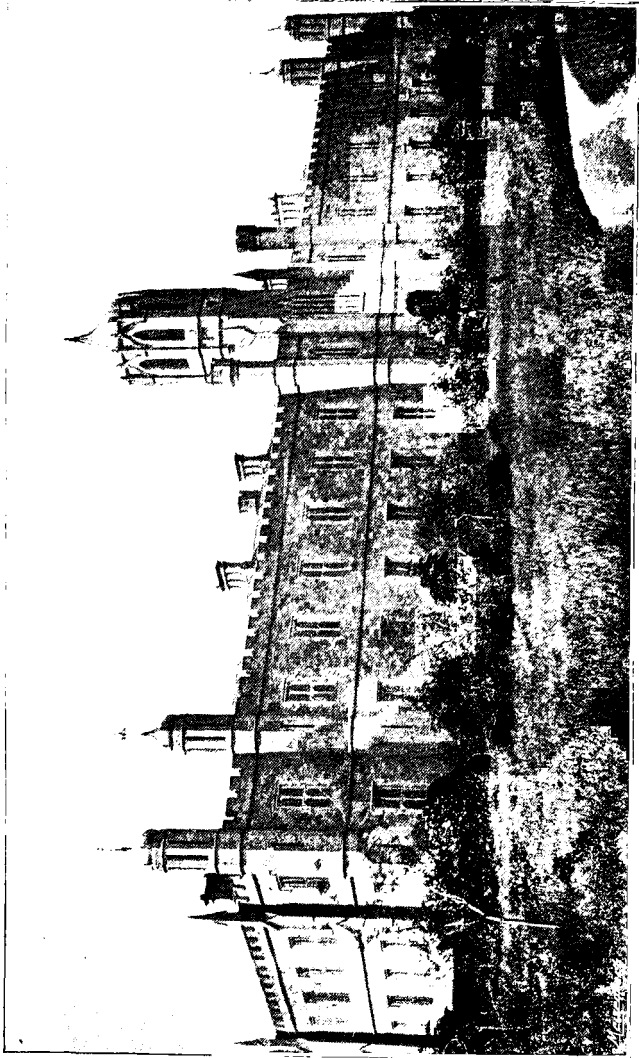
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*The following may be obtained on application to
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1. **Programme of Examinations for Matriculation and Junior Scholarships of the First Year.** *Gratis.*
2. **Extracts from Calendar, 1894-5,** containing the Regulations, the Courses of Study and the Courses of Examination in the various Faculties, Time Tables, and an Appendix giving information about the various Competitive Examinations. *Price 3d.* (ready in July, 1894.)
3. **Scholarship Examination Papers.** *Price 6d.* (preparing.)
4. **The Calendar for 1894-5.** (To be ready in December, 1894.)



by W. Lawrence, Dublin

QUEEN'S COLLEGE, GALWAY.

[From Photo]

QUEEN'S COLLEGE, GALWAY.

FOUNDED A.D. MDCCCLV.

CALENDAR, 1893-4.

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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, AND 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.]

Grant for
Building
Colleges.

"For the better Advancement of Learning among all Classes of Her Majesty's Subjects in Ireland," be it enacted by the Queen's most excellent Majesty, by and with the advice and consent of

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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.

Provisions for purchase or rent of buildings, lands, &c.

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

Plans of
buildings to
be submitted
to Treasury.

VI. And be it enacted, That it shall be lawful for the 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.

Accounts to
be laid before
Parliament.

VII. And be it enacted, That the said Commissioners of 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 coits 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.

Restraint on alienation of property. 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 Commissioners of her Majesty's Treasury, except by way of lease, 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.

Statutes to be made by Her Majesty. Appointment of visitors, professors, &c. 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.

Statutes to be laid before Parliament. 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.

Endowment of Colleges. 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.

Fees may be taken. 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.

Lecture-rooms, within the precincts of the College, to be assigned for religious instruction. 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.

Where students shall dwell. 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.

Licence of masters of boarding-houses. 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.

Halls for students may be endowed by private benefactions. XVII. 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, 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.

Loans may be raised for founding Halls. 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 Promo-

tion 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.

P A T E N T

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 what-

soever, 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., . . .	Greek.
Richard B. Bagley, M.A., . . .	Latin.
George Johnston Allman, LL.D., .	Mathematics.
Arthur Hill Curtis, M.A., . . .	Natural Philosophy.
Joseph O'Leary, B.A., . . .	History and English Literature.
Thomas W. Moffett, LL.D., . . .	History, English Literature, and Mental Science.
Thomas H. Rowney, PH.D., . . .	Chemistry.
Alexander G. Melville, M.D., . . .	Natural History.
William King, D.SC., . . .	Natural History.
Augustus Beusbach, M.D., . . .	Modern Languages.
John E. Cairnes, M.A., . . .	Jurisprudence and Political Eco- nomy.
William B. Campion, B.A., . . .	English Law.
Charles Croker-King, M.D., . . .	Anatomy and Physiology.
Nicholas Colahan, M.D., . . .	Medicine.
James V. Browne, B.A., M.D., . . .	Surgery.
Simon M'Coy,	Materia Medica.
Richard Doherty, M.D., . . .	Midwifery.
Edward Townsend, M.A., . . .	Civil Engineering.
Thomas Skilling,	Agriculture.

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. Out-going 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-opera-

tion 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 Honors, 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. :—

Professors of—	£	Professors of—	£	Professors of—	£
Greek, . . .	20	History, English		Mod. Languages,	20
Latin, . . .	20	Literature, and		Anatomy & Phy-	
Mathematics, .	20	Mental Science,	20	siology, . . .	20
Natural Philo-		Chemistry, . . .	20	Civil Engineering,	20
sophy, . . .	20	Natural History,	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 Pre-

sident, 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. He 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.

The examination for Junior Scholarships in Arts of the first year shall take place immediately after the first Entrance Examination in Arts of the Session, and shall be open to all Students of the first year who shall have passed that Examination.

Those candidates to whom Scholarships shall be then awarded shall hold their Scholarships for one year.

There shall be a further Examination at the commencement of the second year, which shall be open to all Matriculated Students in Arts of that year who shall have passed the Examinations, and attended the Lectures prescribed by the Council to Students of the first year, and shall have complied with such further conditions as the Council shall impose.

Those candidates, whether previously Scholars or not, to whom Scholarships shall be awarded at this further Examination, shall hold their Scholarships for two years.

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.

Three Junior Scholarships shall be founded in the Faculty of Law, of the annual value of twenty pounds; one tenable by a Student in Law of the first year, one by a Student of the second year, and one by a Student of the third year; and shall be conferred by Examination, 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 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, under such regulations as the Council shall prescribe.

Eight Senior Scholarships* shall be founded of the value of forty pounds each, tenable by Graduates in Arts of the Queen's University in Ireland, who shall have complied with such further conditions as the Council shall impose; and shall be conferred and retained under such regulations as the Council shall prescribe; provided that one Senior Scholarship shall be further limited to Students who shall have completed the course of legal study prescribed for the Degree of Bachelor in Laws.

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.

* See Extract from Royal Warrant, page xlii.

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 Honor 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.

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 suitableness 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 suitableness 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 clergy-

men 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,		40		10		15	
		History, English Literature, and Mental Science,		40		10		15	
		Chemistry,		90		12		18	
		Natural History,		50		100		15	
		Civil Engineering,		80		16		28	
		Modern Languages,		10		2		4	
		Anatomy and Physiology,		10		2		4	
		Medicine,		25		7		9	
		Surgery,		25		7		9	
		Materia Medica,		25		7		9	
		Midwifery,		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 Honor 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 Honor 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.

EXTRACT from ROYAL WARRANT repealing a portion of chapter ix. of the statutes, in consequence of the dissolution of the Queen's University, and the establishment of the Royal University, on the 31st January, 1882.

“ . . . WE therefore revoke and repeal from the Statutes of the said Queen's College, Galway, the hereinbefore recited portion of chapter ix. of the said Statutes relating to the qualification for Senior Scholarships And We do hereby will, declare, and direct that in place thereof the following regulations shall stand in chapter ix. of the Statutes of the Queen's College, Galway, that is to say :—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. Provided that one Senior Scholarship shall be further limited to Students who, in addition to the prescribed courses of lectures and examinations above mentioned, shall have attended during three Sessions, the courses of Law Lectures prescribed by the Council, and shall have passed the necessary examination for such Scholarship within six years from their Matriculation.”

[27th June, 1892.]

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.

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, as follows:

Short Title.

1. This Act may be cited as the Galway Hospital Act, 1892.

Dissolution of Governing body and vesting of property.

2. From and after the passing of this Act the body corporate of the county of Galway infirmary shall be dissolved and shall cease to exist, and all the property, real and personal, of such body corporate shall pass to and become vested in the Local Government Board, to be held by them in trust for the purposes of this Act, and the provisions of the Act of the session of the fifth year of King George the Third, chapter twenty (Ireland), and any Act amending the same shall not apply to the county of Galway infirmary.

Grand jury to present for existing liabilities.

3. The grand jury of the county of Galway shall at the first assizes held after the passing of this Act present, to be raised off such county and to be distributed among the persons entitled, a sum equal to the amount of all debts and liabilities certified by the Local Government Board to have been properly and necessarily incurred by the body corporate of the county of Galway infirmary, and remaining unpaid or undischarged at the passing of this Act, and such presentment shall be legal and valid for all purposes, any enactment to the contrary notwithstanding.

Re-constitution of Infirmary.

4. 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.

Constitution of new Governing Body.

5.—(1.) There shall be constituted for the purposes of this Act a board to be called the board of management of the Galway Hospital consisting of so many members of each board of guardians of the poor law unions situated wholly or partly in the county or county of the town of Galway, as the Local Government Board may from time to time determine, and the members of such board of management shall be elected in such manner and by such electors as are hereinafter mentioned.

(2.) The board of management shall be a body corporate having a perpetual succession and a common seal.

Election of members of Board.

6. The members of the board of management representing each poor law union or part of a poor law union situated within the county or county of the town of Galway shall be elected annually by the members of the board of guardians of such union out of their own number in manner and at the time prescribed, and upon every fresh election the members of the existing board of management shall retire, but any retiring member shall if qualified be re-eligible : Provided that in the case of any union not situated wholly within the county or county of the town of Galway, no elected guardian shall vote or be eligible as a member of the board unless he represents an electoral division situated within such counties, or either of them, and no ex-officio guardian shall be so eligible unless he derives his qualification from property situated within such counties or either of them, or resides in either of them.

Chairman of Board.

7. The chairman of the board shall be annually elected by the members out of their own number, and shall continue in office until his successor is appointed.

Regulations as to Board.

8. The following regulations shall have effect with respect to the board of management ; that is to say,

(1.) The board as constituted under this Act shall come into office on the prescribed day :

(2.) A member may resign by notifying his intention so to do in writing to the chairman of the board :

(3.) Any casual vacancy in the office of a member of the board by death, resignation, incapacity, or otherwise shall be filled up by the board ; but any person so chosen shall retain his office so long only as the vacating member would have retained the same if no vacancy had occurred. A member dying between the time of his election and the time of entering on his office shall be deemed to create a casual vacancy.

Staff.

9.—(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.

10. 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.

11. 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.

Maintenance.

12. All costs and expenses incurred in the management repair, and support of the hospital, and in furnishing and fitting up the hospital, and in providing all articles and requisites for the common use of the inmates and in paying any salaries or other remuneration under this Act, shall, so far as not otherwise payable, be a charge on the several electoral divisions of the county and county of the town of Galway, and the several boards of guardians shall raise the same by a poundage rate on the rateable value of such electoral divisions respectively.

Inspection and audit.

13. The Local Government Board shall, as soon as may be after the passing of this Act, and may from time to time afterwards make such regulations as they may deem necessary for determining the number of patients to be from time to time received from the several unions so situated as aforesaid, for the inspection of the hospital, for regulating the proceedings and auditing the accounts of the board of management, and otherwise for the purpose of carrying this Act into effect.

Definitions.

14. In this Act the expression "Local Government Board" means the Local Government Board for Ireland, the expression "rateable value" means the annual rateable value under the Irish Valuation Acts of the hereditaments comprised in the area mentioned, and the expression "prescribed" means prescribed by the Local Government Board.

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 lime-stone 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. 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.

Literary Division.

Richardson, John H.
Norton, Bernard G.
M'Mahon, George Y.
M'Dermott, Dominick.
Fynn, Peter J.
Murphy, Thadeus.
Power, Richard.
M'Mullen, James A.
Kyle, Christopher.
O'Maher, William.
Fitzgerald, Nicholas.
Johnston, William.

Eaton, Richard.
Hughes, Patrick.
Kelly, Patrick.
Gibson, John.
O'Kelly, Edmond.
Irwin, George.
Pall, Joshua.
Hearne, John Henry.
Dopping, James H.
Hurley, Joseph.
Scott, Patrick.

Science Division.

Duggan, Charles.
Ford, Patrick F.
Ryan, Dominick D.
M'Grath, John.
Powell, John.
Scott, William.
Howse, John.
O'Feely, Timothy.
Eames, Richard F.
Blake, Joseph V.

Evans, John.
Johnston, John.
Ferguson, Robert.
Tully, Joseph.
Skerrett, Peter.
Duggan, Joseph.
Walkinshaw, Robert.
King, William.
St. George Henry.
M'Mahon, Thos. A.

ENGINEERING DEPARTMENT.

FIRST YEAR.

Drysdale, Charles.

Gardiner, Martin.

AGRICULTURE.

FIRST YEAR.

Skilling, Thomas.

O'Hara, Thomas.

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QUEEN'S COLLEGE, GALWAY.

SESSION 1850-51.

FACULTY OF ARTS.

SECOND YEAR.

<i>Literary Division.</i>	
Richardson, John.	Murphy, Thadeus.
M'Dermott, Dominick.	Johnston, William.
Kyle, Christopher.	Irwin, George.
M'Mahon, George Y.	
<i>Science Division.</i>	
Scott, Patrick.	Johnston, John.
Powell, John.	Evans, John.
Ryan, Dominick D.	O'Feely, Timothy.
Duggan, Charles.	King, William.
Howse, John.	Walkinshaw, Robert.

FIRST YEAR.

<i>Literary Division.</i>	
M'Gowan, Robert.	Berwick, John.
Smyth, John Anderson.	Browne, William A.
M'Grath, Thomas.	Kilkelly, Garrett.
Montgomery, James	Perrin, Patrick.
Mitchell, Robert J. } equal	Lalor, James.
<i>Science Division.</i>	
Warrell, James.	Roache, Edward.
Stephens, Robert.	Slater, James.
Moorhead, John.	O'Doherty, John.
Jackson, Burton.	Gilmore, Charles.
Comyns, William.	Gardiner, Martin.
Hurley, Joseph.	

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.

AGRICULTURE.

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.	|	Murphy, Thadeus.
Johnston, William. }		

Science Division.

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

SECOND YEAR.

Literary Division.

Mitchell, Robert J.	|	Hughes, Patrick J.
Browne, William A.		MaHony, John.
Berwick, John.		Fynn, Peter J.
Smyth, John A.		Kilkelly, Garrett.

Science Division.

Ford, Patrick.	|	Magnire, Edward.
Breen, Michael.		Roache, Edward.

FIRST YEAR.

Literary Division.

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

Science Division.

M'Shane, John.	|	Colahan, John. }	} equal.
Kearney, Daniel. }	} equal.	Atkinson, Samuel. }	
Johnston, John. }			

FACULTY OF LAW.

THIRD YEAR.

Ryan, Dominick D.

SECOND YEAR.

Keane, Christopher.

FACULTY OF MEDICINE.

THIRD YEAR.

Eaton, Richard.		O'Leary, John.
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QUEEN'S COLLEGE, GALWAY.

SECOND YEAR.

Kelly, Patrick.		Skerrett, Peter.
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FIRST YEAR.

Joynt, Christopher.		Moorhead, John.
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ENGINEERING DEPARTMENT.

SECOND YEAR.

Powell, John.

FIRST YEAR.

O'Doherty, John.

AGRICULTURE.

SECOND YEAR.

O'Hara, Charles.

FIRST YEAR.

Short, William.		M'Grath, John.
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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.

Literary Division.

Berwick, John.	|	Browne, William A.
Mahony, John.	|	Smith, John A.,
Mitchell, Robert J.	|	

Science Division.

Roache, Edward.	|	Powell, John.
Hughes, Patrick J.	|	M'Dermott, Dominick.
Ford, Patrick.	|	

SECOND YEAR.

Literary Division.

Jackson, Burton.	|	Hurley, Francis.
Clarke, William.	|	Johnson, John W
Hooper, Charles J.	|	

Science Division.

Maguire, Edward.	|	Kearney, Daniel
Atkinson, Samuel.	|	Colahan, John.

FIRST YEAR.

Literary Division.

Charters, William.	|	Arnold, Pierce.
Treanor, W. S.	|	West, Raymond.
Davys, Francis.	|	

Science Division.

Stephens, Samuel.	|	Gilmore, Stewart.
Breen, Daniel.	|	Dillon, Gerald.

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

Ryan, Dominick D., B.A.

THIRD YEAR.

Keane, Christopher.

SECOND YEAR.

O'Feely, Timothy.

FIRST YEAR.

Walkinshaw, Robert.

QUEEN'S COLLEGE, GALWAY.

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.

Literary Division.

Charters, William.	|	Johnston, John W.
Clarke, William.	|	Jackson, Burton.
Hooper, Charles J.	|	

Science Division.

Maguire, Edward.	|	Kearney, Daniel.
Hurley, Francis B.	|	Atkinson, Samuel.
Colahan, John.	|	

SECOND YEAR.

Literary Division.

*West, Raymond.	|	Arnold, Pierce.
Treanor, William Stanley.	|	Davys, Francis.
Fleming, William.	|	

Science Division.

*West, Raymond.	|	Stephens, Samuel
Tierney, Daniel.	|	Short, William.
Dillon, Gerald.	|	

FIRST YEAR.

Literary Division.

Thomson, Alfred.	|	Stirke, Julius W.
Coffie, Edward. } equal.	|	Conolly, James.
Henry, John. }	|	

Science Division.

Adair, James.	|	Watts, Walter
Dowman, William.	|	Breen, John.
Gormley, John.	|	

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

FACULTY OF LAW.

SENIOR SCHOLARSHIPS.

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.
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THIRD YEAR.

Moorhead, John.		Joynt, Christopher.
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SECOND YEAR.

Ireland, Arthur.		Purcell, Patrick J.
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FIRST YEAR.

Mahony, John.

ENGINEERING DEPARTMENT.

SECOND YEAR.

M'Donagh, William.

FIRST YEAR.

Meharg, William.

AGRICULTURE.

SECOND YEAR.

M'Donagh, William.

FIRST YEAR.

Carrick, Daniel.		O'Leary, Arthur
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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,	Maguire, Edward, B.A.
Natural History,	Parker, James D., B.A.
Mathematics,	Ford, Patrick, B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.

West, Raymond.	|	Treanor, Stanley W.
Arnold, Pierce.	|	Davy's, Francis.

Science Division.

West, Raymond.	|	Gilmore, Stewart.
Tierney, Daniel.		

SECOND YEAR.

Literary Division.

Henry, John W. R.		Conolly, James.
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Science Division.

Gormley, John.		Dowman, William.
Watts, Walter.		O'Hara, Thomas.

FIRST YEAR.

Literary Division.

Lane, George.	|	Reddan, John.
Hooper, Robert.	|	Stewart, Robert F.
Monroe, John.	|	

Science Division.

Moore, John H.	|	Ross, Cornelius P.
Bateman, Richard.	|	Thane, Charles H.
Bruen, Patrick.	|	

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Mason, William.

SECOND YEAR.

Perrin, Patrick.

FIRST YEAR.

Hooper, Charles J.

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.

AGRICULTURE.

SECOND YEAR.

Carrick, Daniel. | Keane, John E.

FIRST YEAR.

Gouldsberry, Valerius. | Wall, Walter.

SESSION 1855-56.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.

Conolly, James.		Henry, John W. R.
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Science Division.

Watts, Walter A.		O'Hara, Thomas.
Gormley, John.		Breen, John.

SECOND YEAR.

Literary Division.

Monroe, John.	|	West, John D.
Treanor, Arthur.	|	Stewart, Robert F.
Bateman, Richard C.	|	

Science Division.

Thane, Charles H.	|	Burke, Martin J.
Adair, James J.	|	Moore, John H.

FIRST YEAR.

Literary Division.

Hunter, John.	|	Evatt, Humphrey.
Stewart, Washington.	|	Hart, James C.

Science Division.

Thynne, Henry.	|	O'Neill, George F.
O'Kinealy, James.	|	Grealy, John,
Quinn, Martin.	|	

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

O'Feely, Timothy O'B.

SECOND YEAR.

[None.]

FIRST YEAR.

Arnold, Pie. c. s.

QUEEN'S COLLEGE, GALWAY.

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,	Maguire, 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.

Literary Division.

Monroe, John.	|	Stewart, Robert F.
Bateman, Richard.	|	West, John D.

Science Division.

Adair, James J.	|	Greene, Joseph R.
Moore, John H.	|	Burke, Martin J.
O'Hara, Charles,	|	

SECOND YEAR.

Literary Division.

O'Neill, George F.	|	Hart, James C.
Hunter, John H.	|	Lynam, James.

Science Division.

Thynne, Henry.	|	Grealy, John.
O'Kinealy, James.	|	Quinn, Martin.

FIRST YEAR.

Literary Division.

Lawson, Charles H. (also a prize of £10.)	|	* Martin, Wm. Thos.	} equal.
M'Mahon, William.	|	Martin, William.	
	|	O'Brien, Julius.	

Science Division.

Reed, Andrew A.	|	May, William.
Weir, John.	|	* Lawson, Chas. H.
Martin, Wm. Thos.	|	

* Ineligible, having obtained Scholarship in other division

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.
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QUEEN'S COLLEGE, GALWAY.

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.

SECOND YEAR.

Burke, John P. | Bournes, William H.

FIRST YEAR.

Literary Division.

Lane, George.

Science Division.

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.

FIRST YEAR.

Bligh, John. | Clarke, Denis.

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,	Maguire, Edward, B.A.
Chemistry,	Hurley, Francis, B.A.
Natural Philosophy,	Bateman, Richard C., B.A.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

Literary Division.

O'Neill, George F.		Hart, James C.
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Science Division.

O'Kinealy, James. Thynne, Henry.		Quinn, Martin.
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SECOND YEAR.

Literary Division.

Stewart, Washington. Martin, William Thomas. Lynch, Martin.		Lynam, James. Conolly, Patrick.
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Science Division.

Reed, Andrew A. May, William G.		Griffith, William. Weir, John.
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FIRST YEAR.

Literary Division.

Nicoll, Robert. M'Auliffe, Michael J. Hopkins, Jacob B.		Potter, Robert. Smith, Robert.
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Science Division.

Cunningham, William A. Murray, John. Davison, William.		Burdge, William E. O'Farrell, William.
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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.

MacFarlane, Alexander.

AGRICULTURAL DEPARTMENT.

THIRD YEAR.

[None.]

SECOND YEAR.

Eligh, John.		Clarke, Denis.
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FIRST YEAR.

Rorke, Patrick.		Burke, John R.
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SESSION 1858-9.

FACULTY OF ARTS.

SENIOR SCHOLARSHIP.

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.

Literary Division.

Norton, Bernard G.	|	Martin, William Thomas.
Conolly, Patrick.	|	

Science Division.

Reed, Andrew A.	|	Evatt, Humphrey.
May, William.	|	Grealy, John.
Griffith, William.	|	

SECOND YEAR.

Literary Division.

M'Auliffe, Michael.	|	Smith, Robert.
O'Brien, Julius.	|	

Science Division.

Davison, Thomas.	|	O Farrell, William.
Ireland, Edward.	|	O'Hara, Charles.

FIRST YEAR.

Literary Division.

*Wilson, Thomas N.	|	Greer, John H.
Greer, James R.	|	Madill, Thomas.
Blood, Bindon.	|	

Science Division.

*Wilson, Thomas N.	|	†Greer, James R.	} equal.
†Blood, Bindon.	|	M'Dermott, Brian.	
Downman, Charles.	|	O'Farrell, Thomas.	

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

† Ineligible, having obtained Literary Scholarship.

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

Hooper, Charles, B.A.

SECOND YEAR.

West, John D.

FIRST YEAR.

M'Kane, John.		Monroe, John.
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FACULTY OF MEDICINE.

FOURTH YEAR.

Anatomy and Physiology, Maguire, 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.

Literary Division.

M'Auliffe, Michael.

Science Division.

O'Hara, Charles.	|	Ireland, Edward.
Davison, Thomas.	|	

SECOND YEAR.

Literary Division.

*Wilson, Thomas N.	|	Madill, Thomas.
Cunningham, William.	|	Smith, Washington,
Crotty, Richard.†	|	

Science Division.

*Wilson, Thomas N.	|	M'Dermott, Brian.
Atkinson, John.	|	Reid, William J.
Dowman, Charles. } equal.	|	

FIRST YEAR.

Literary Division.

Hurley, Patrick.	|	Mills, Samuel.
O'Connor, John.	|	Madden, Henry.
Saunderson, James.	|	

Science Division.

Burke, Michael.	|	Falkiner, Richard. } equal.
King, Elian.	|	M'Enery, Edward. }
Stokes, George.	|	

FACULTY OF LAW.

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.
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SECOND YEAR.

White, Thomas R.		Potter, Robert.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Connolly, Patrick.		Howse, John.

ENGINEERING DEPARTMENT.

SECOND YEAR.

Waller, Edmund.

FIRST YEAR.

Grealy, John.

AGRICULTURAL DEPARTMENT.

SECOND YEAR.

Killery, Henry.		Mullins, John.
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FIRST YEAR.

Greaven, Dominick.		Burke, Edward.
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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.

Literary Division.

Cunningham, William.	Madill, Thomas.
Wilson, Thomas N.	Smith, Washington.
Crotty, Richard.	

Science Division.

Atkinson, John.	Reid, William.
O'Farrell, Thomas.	Johnson, John.

SECOND YEAR.

Literary Division.

Greene, Joseph J.	Mills, Samuel.
Leary, Joseph W.	Saunderson, James.
Hurley, Patrick.	M'Kenzie, John.

Science Division.

King, Ælian.	Burke, Michael.
Leary, Joseph W.	

FIRST YEAR.

Literary Division.

Sharkey, Edmond De L.	Crooks, William.
Feeny, Dominick.	Padin, Thomas.
MacDonnell, Anthony P.	

Science Division.

Saunderson, William H.	Callaghan, Patrick.
Young, Robert.	Daly, William.
Griffin, John.	

* Ineligible, having obtained Scholarship in other division.

QUEEN'S COLLEGE, GALWAY.

FACULTY OF LAW.

THIRD YEAR.

Monroe, John.

SECOND YEAR.

Louden, John J.

FIRST YEAR.

Costigan, Thomas J.

FACULTY OF MEDICINE.

FOURTH YEAR.

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

THIRD YEAR.

Comerford, Michael.		Potter, Robert.
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SECOND YEAR.

King, Charles E.		Hughes, John H.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
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.
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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.

Literary Division.

Leary, Joseph N.	|	Mills, Samuel.
Greene, Joseph J.		Saunderson, James.
Hurley, Patrick.		

Science Division.

Leary, Joseph W.		King, Ælian.
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SECOND YEAR.

Literary Division.

Sharkey, Edmond De L. G.		Feeny, Dominick.
Hare, Gustavus.		Padin, Thomas.
Mulholland, William.	|	

Science Division.

Griffin, John.	|	Moody, Samuel.
Saunderson, William H.	|	M'Enery, Edward.
Daly, William.	|	

FIRST YEAR.

Literary Division.

Wood, Edward.	|	Thynne, Andrew.
Smylie, Archibald.	|	Droughton, Edward.
MacDonnell, Anthony P.	|	

Science Division.

Foreman, Robert.	|	Burke, John.
Winder, James.	|	Dooley, Michael.
Thomson, George.	|	

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.

SECOND YEAR.

Bligh, John. | Lightbody, William H.

FIRST YEAR.

Literary Division. | *Science Division.*
 Lynch, Martin. | Thomson, William.

ENGINEERING DEPARTMENT,

SECOND YEAR.

Stoney, Edward.

FIRST YEAR.

Stanley, Alexander.

AGRICULTURAL DEPARTMENT.

FIRST YEAR.

Corbett, Thomas. | Nally, William.

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.

Literary Division.

Hare, Gustavus.	<table> <tr> <td> </td> <td>Crooks, William.</td> </tr> <tr> <td> </td> <td>M'Kenzie, John.</td> </tr> </table>		Crooks, William.		M'Kenzie, John.
	Crooks, William.				
	M'Kenzie, John.				
Mulholland, William.					
Feeny, Dominick.					

Science Division.

Griffin, John.	<table> <tr> <td> </td> <td>Moody, Samuel.</td> </tr> </table>		Moody, Samuel.
	Moody, Samuel.		
Saunderson, William H.			

SECOND YEAR.

Literary Division.

Wood, John E.	<table> <tr> <td> </td> <td>Wallace, John.</td> </tr> <tr> <td> </td> <td>Droughton, Edward.</td> </tr> </table>		Wallace, John.		Droughton, Edward.
	Wallace, John.				
	Droughton, Edward.				
MacDonnell, Anthony P.					
Smylie, Archibald.					

Science Division.

Foreman, R.	<table> <tr> <td> </td> <td>Winder, James.</td> </tr> <tr> <td> </td> <td>Dooly, M. } equal.</td> </tr> <tr> <td> </td> <td>Thompson, G. }</td> </tr> </table>		Winder, James.		Dooly, M. } equal.		Thompson, G. }
	Winder, James.						
	Dooly, M. } equal.						
	Thompson, G. }						
* Wallace, John.							
Burke, John.							

FIRST YEAR.

Literary Division.

Wilson, William.	<table> <tr> <td> </td> <td>Killen, John M.</td> </tr> <tr> <td> </td> <td>Torrens, William.</td> </tr> </table>		Killen, John M.		Torrens, William.
	Killen, John M.				
	Torrens, William.				
M'Farlane, R.					
Persse, William D.					

Science Division.

Deane, Henry.	<table> <tr> <td> </td> <td>Gaynor, William. } equal.</td> </tr> <tr> <td> </td> <td>Gibbons, Thos. }</td> </tr> <tr> <td> </td> <td>Greaven, Dominick.</td> </tr> </table>		Gaynor, William. } equal.		Gibbons, Thos. }		Greaven, Dominick.
	Gaynor, William. } equal.						
	Gibbons, Thos. }						
	Greaven, Dominick.						
Moorhead, William R.							

FACULTY OF LAW,

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Costigan, Thomas.

SECOND YEAR.

M'Dermott, Brian.

FIRST YEAR.

[None.]

* Ineligible, having obtained Literary Scholarship.

e

FACULTY OF MEDICINE.

FOURTH YEAR.

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

THIRD YEAR.

Comerford, Henry. | Hanrahan, James.

SECOND YEAR.

Saunderson, James. | Thomson, William.

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, Thos. | Boyd, John S.

SESSION 1863-64.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

Classics,	Sharkey, Edmond 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.

Literary Division.

MacDonnell, Anthony P.	|	Droughton, Edward.
Wood, John E.	|	Smylie, Archibald.
Maybin, William,	|	

Science Division.

Foreman, Robert.	|	Dooley, Michael.
Daly, William.	|	Thompson, George.
Dooley, James.	|	

SECOND YEAR.

Literary Division.

M'Farlane, Robert. } equal.	|	MacDonald, Francis.
Wilson, William N. }	|	Meharry, John.
Persse, William.	|	

Science Division.

Deane, Henry.	|	Greaven, Dominick.
Moorhead, William R.	|	Grealy, Nicholas.
Forsyth, Samuel	|	

FIRST YEAR.

Literary Division.

M'Swinney, Robert.	|	O'Connor, Thomas P.
Legate, George.	|	Gillespie, Michael.
Macaulay, Colman.	|	

Science Division.

Walsh, Thomas.	|	Griffin, Thomas.
Hughes, William.	|	Brooke, John.
Hector, William.	|	

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

[None.]

QUEEN'S COLLEGE, GALWAY.

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.	} equal.
Modern Languages and History,	MacDonnell, An- thony, B.A.	
	Sharkey, E. De L. G., B.A.	
Methaphysics 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.

Literary Division.

Wilson, William N.	|	Meharry, John.
M'Donald, Francis.	|	M'Farlane, Robert.
Persse, William D.	|	

Science Division.

Winder, James.	|	Forsyth, Samuel.
Burke, John.	|	Moorhead, William R.
Deane, Henry.	|	

SECOND YEAR.

Literary Division.

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

Science Division.

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

FIRST YEAR.

Literary Division.

* Ward, Peter.		Maguire, Thomas M.
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Science Division.

^ Ward, Peter.		Ievers, Henry.
Brooke, William.		Walsh, Michael.
Matthews, William.		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.

Literary Division.

Reid, Matthew.		Cleary, Michael J.
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Science Division.

[None.]



ENGINEERING DEPARTMENT.

THIRD YEAR.

Odling, Charles W.

SECOND YEAR.

Lynam, 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.	|	Clancy, John J.
M'Swinney, Robert.	|	Dickey, Conly.
Killen, John.	|	

Science Division.

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

SECOND YEAR.

Literary Division.

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

Science Division.

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

FIRST YEAR.

Literary Division.

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

Science Division.

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

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, B.A.

THIRD YEAR.

Davy, Francis A. | Sharpe, William.

SECOND YEAR.

Saunderson, William H. | Sugars, John C.

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.

FIRST YEAR.

Nightingale, Walter H. | Chaster, Walter T.

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.

Literary Division.

Agnew, Samuel.	|	Gillespie, Michael.
Macaulay, Colman.	|	Marshall, John.
Maguire, Thomas M.	|	

Science Division.

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

SECOND YEAR.

Literary Division.

Fitzpatrick, John.	} equal.	|	Craig, S.
M'Donald, Charles.			Dooley, John L.
Howley, James.			

Science Division.

Smith, Oliver.	|	M'Ilveen, John.
Colahan, Nicholas.	|	Eaton, Thomas.
Fahy, Edward.	|	

FIRST YEAR

Literary Division.

Drummond, Michael.	|	Ievers, Robert.
Henry, William E.		Drury, R. L.
Mitchell, Robert.		

Science Division.

Drury, J. D.	} equal.	|	Nealon, William.
Glover, Ralph F.			Duncan, James.
M'Kinney, Saml. B.			

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

Science Division.

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

SECOND YEAR.

Literary Division.

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

Science Division.

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

FIRST YEAR.

Literary Division.

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

Science Division.

Harrison, John H.	* Thompson, David.
Moran, John.	Patterson, William.
* Clarke, John J.	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.
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THIRD YEAR.

M'Donnell, J. O.		O'Brien, D.
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SECOND YEAR.

Pye, Joseph P.		Torrens, James.
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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.
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FIRST YEAR.

Falkiner, George A.		Stratford, John.
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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 SCHOLARSHIP.

* SECOND YEAR.

Literary Division.

Mitchell, Robert.	|	Foreman, William.
Thompson, David.	|	

Science Division.

Harrison, J.	|	Patterson, William.
Concannon, Patrick.	|	O'Connor, Peter P.
Moran, John.	|	Clarke, John J.

FIRST YEAR.

Literary Division.

Shiel, John R.	|	Moorhead, James.
Warren, W. M.	|	Milward, William H.
Cullin, Henry	|	

Science Division.

Croke, John O'B.	|	Somerville, Richard N.
Anderson, Adam.	|	† Moorhead, James.
Mullally, Michael.	|	† Milward, George R.

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

M'Donald, Francis, M.A.₂

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.
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THIRD YEAR.¹

Pye, Joseph P.		Colahan, William.
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SECOND YEAR.

Blood Robert.		Simpson, W.
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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.
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FIRST YEAR.

Holmes, R. F.	} equal.
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.

* Previously M'Donald.

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

Cullin, Henry.	|	Warren, William C.
Moorhead, James.	|	O'Shaughnessy, John F.
Shiel, Joseph R.	|	

Science Division.

Croke, John O'B.	|	Somerville, Richard N
Anderson, Adam.	|	Milward, George R.
Mullally, Michael.	|	

FIRST YEAR.

Literary Division.

Maxwell, W. H.	|	O'Neill, Peter.
Lynam, James.	|	Byrne, Nicholas.
O'Callaghan, Matthew L.	|	

Science Division.

Freyer, Peter J.	|	Bourke, Palmer A.
Gorham, James J.	|	M'Loughlin, James.
* Lynam, 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.

* Ineligible, having obtained Literary Scholarship.

FACULTY OF MEDICINE.

FOURTH YEAR.

Colahan, William.		Pye, Joseph P.
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THIRD YEAR.

Walsh, Michael.		Colahan, Nicholas.
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SECOND YEAR.

Melville, Andrew S.		Brooke, William.
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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.
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FIRST YEAR.

Lynam, Patrick.		Templeton, John W.
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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.

Literary Division.

Lynan, J.	|	O'Neill, Peter.
Maxwell, W. H.	|	

Science Division.

Freyer, Peter J.	|	Joyce, Patrick.
* Lynam, J.	|	Ellison, James.
Gorham, James J.	|	Megarry, James.

FIRST YEAR.

Literary Division.

† Adams, David O.	|	Molony, Henry.
Milward, Edward O.	|	Dill, J.
M'Namara, J. W.	|	

Science Division.

† Adams, David O. } equal	|	Moylan, Michael J.
Gordon, John. }	|	Connolly, W. E. S.
Hickman, James. }	|	

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.

QUEEN'S COLLEGE, GALWAY.

FACULTY OF MEDICINE.

FOURTH YEAR.

Colahan, Nicholas.		Fleming, William.
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THIRD YEAR.

Holland, John.		Gillespie, Michael.
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SECOND YEAR.

White, Michael.		Morris, John J.
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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.
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FIRST YEAR.

Prendergast, Patrick J.		M'Auliffe, J.
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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.

Literary Division.

*Adams, David O.	|	Molony, Henry.
Milward, Edwin O.	|	M'Mordie, Elijah.
M'Namara, John W.	|	

Science Division.

*Adams, David O.	} equal.	|	Monroe, Samuel H.	} equal.
Gordon, John.			Moylan, Michael J.	
Hickman, James.				

FIRST YEAR.

Literary Division.

O'Connor, George.	|	Ambrose, Robert.
M'Namara, Joseph C.		Molony, John.
Mullin, James.		

Science Division.

O'Kinealy, Peter.	|	Kelly, Michael.
Dundee, Isaac C.		Hallowell, James.
Wallace, Hugh.		

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.
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THIRD YEAR.

White, Michael.		Morris, John J.
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SECOND YEAR.

Maguire, Daniel.		O'Connor, Peter F., B.A.
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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.

Literary Division.

O'Connor, George.	|	Molony, John.
M'Namara, Joseph C.	|	Watters, William.
Mullin, James.	|	

Science Division.

O'Kinealy, Peter.	|	Dundee, Isaac C.
Fisher, John M.	|	Parker, John William.
Kelly, Michael.	|	

FIRST YEAR.

Literary Division.

Geoghegan, Joseph.	|	M'Namara, William.
M'Millan, John.	|	Wilson, Samuel.
Lavertine, Charles.	|	

Science Division.

Shore, Robert.	|	Glassford, Charles O.
Kelly, William. } equal.	|	Goudy, James.
Lewis, John P. }	|	

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.
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THIRD YEAR.

Maguire, Daniel.		Dempsey, Alexander.
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SECOND YEAR.

Lynham, John I.		Quirk, Martin.
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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.

Literary Division.

Lavertine, Charles.	|	M'Millan, John.
Wilson, Samuel L.	|	M'Namara, William.
Love, George C.	|	

Science Division.

Shore, Robert.	|	Goudy, James.
M'Auliffe, Daniel.	|	Fisher, Joseph R.

FIRST YEAR.

Literary Division.

Molohan, John P.	|	Minniken, John.
Kerr, Aeneas.	|	Dripps, James T.
Farrelly, Michael J.	|	

Science Division.

M'Master, James.	|	Constable, Samuel.	} equal.
M'Dermott, Cornelius.	|	Corry, Patrick.	
	|	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'Afee, William.
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FIRST YEAR.

Literary Division.

[None.]

Science Division.

Eakins, George R.		Delahunt, James J.
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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.

Literary Division.

Kerr, Æneas.	|	Todd, Andrew.
Farrelly, Michael J.	|	Megaw, Robert T.

Science Division.

M'Master, James.	|	Lewis, John P.
Constable, Samuel.	|	M'Dermott, Cornelius.
Smith, John.	|	Morris, Richard H.

FIRST YEAR.

Literary Division.

*Henry, Augustine.	|	Anderson, J. Ringland.
Hunter, Charles W.	|	Geoghegan, Alfred.

Science Division.

*Henry, Augustine.	|	Hackett, Robert I. D.
Waterworth Hugh.	|	Gorham, John.
Sheedy, Thomas. } equal	|	
Henderson, Thos. }	|	

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

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

Shiel, Joseph R., M.A.

THIRD YEAR.

Gordon, John, B.A.

SECOND YEAR.

Greenfield, John K.

FIRST YEAR.

[None.]

FACULTY OF MEDICINE.

FOURTH YEAR.

Lynham, John Isaac.		O'Sullivan, Patrick J
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THIRD YEAR.

Beattie, Robert.		Stokes, William
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SECOND YEAR.

Love, Robert L.		Delahunt, James J
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
M'Kinlay, John.		Young, William J.

ENGINEERING DEPARTMENT.

THIRD YEAR.

Fisher, John M.

SECOND YEAR.

Davern, John P.		Glassford, Charles O.
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FIRST YEAR.

Barker, Alexander A.		Condon, Daniel.
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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.

Literary Division.

Hunter, Charles W.	|	Condon, William O.
Henry, Augustine.	|	

Science Division.

Waterworth, Hugh.	|	James, Arthur.
Henderson, Thomas.	|	Gorham, John.
Hackett, Robert I. D.	|	

FIRST YEAR.

Literary Division.

Dodds, Robert.	|	Campbell, James A.
Thompson, George.	|	Watters, Francis O.
Hume, George A.	|	

Science Division.

Henderson, John.	|	Gahan, Garner.
Sullivan, John.	|	Andrews, James.

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.

QUEEN'S COLLEGE, GALWAY.

FACULTY OF MEDICINE.

FOURTH YEAR.

Allen William.		O'Connor, Patrick.
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THIRD YEAR.

Mitchell, Robert.		O'Brien, Thomas M.
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SECOND YEAR.

Riordan, Daniel.		M'Kinlay, John
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
		Martin, Hugh H.
		Smith, John

ENGINEERING DEPARTMENT.

THIRD YEAR.

Molony, John S., B.A.

SECOND YEAR.

Barker, Alexander A.		Condon, Daniel.
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FIRST YEAR.

Gahan, Michael.		Lynam, Edward W.
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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.

Literary Division.

Dodds, Robert.	|	Anderson, Joseph R.
Hume, George A.	|	

Science Division.

Sullivan, John.	|	Gahan, Garner.
Henderson, John.	|	

FIRST YEAR.

Literary Division.

Brown, John I.	|	Nolan, Herbert, W.B.
Shine, Eugene.	|	Hanly, John Joseph.
Gleeson, Edward H.	|	

Science Division.

Anderson, Alexander.	|	Vance, Robert.
Brown, William.	|	Moorhead, John .
Moreland, Robert.	|	

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.

QUEEN'S COLLEGE, GALWAY.

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, E.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.
&c.	

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Scholarships.

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

Science Scholarships.

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

FIRST YEAR.

Literary Division.

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

Science Division.

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

* Ineligible, having obtained Scholarship in other division.

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

[None.]

FIRST YEAR.

England, William G.

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.

QUEEN'S COLLEGE, GALWAY.

ENGINEERING DEPARTMENT.

THIRD YEAR.

Lynam, Edward W.

SECOND YEAR.

M'Elrea, William. | Roseingrave, Thomas W.

FIRST YEAR.

Flatley, William P. | Horncock, Samuel.

SESSION 1878-79.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

Modern Languages and History,	and 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.

Literary Division.

Jackson, William J.	|	Munro, William H.
Gillespie, James J.	|	Bain, John A.
Morton, John H.	|	

Science Division.

Lowe, William J.	|	Talbot, Thomas J.
Anderson, Alexander.	|	Moorhead, John R.
Clarke, Samuel B.	|	

FIRST YEAR.

Literary Division.

Kirker, Hugh F.	|	Morrow, Henry W.
M'Laren, James B.	|	O'Sullivan Patrick.
Millar, William J.	|	

Science Division.

Patterson, Samuel.	|	Gahan, Charles J.
Rowney, George A. H.	|	Card, William.
Blackall, Patrick.	|	

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

[None.]

THIRD YEAR.

Todd, Andrew, B.A.

SECOND YEAR.

England, William G.

FIRST YEAR.

Donnell, William, B.A.

QUEEN'S COLLEGE, GALWAY.

FACULTY OF MEDICINE.

FOURTH YEAR.

White, Sinclair.		Cochrane, Robert.
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THIRD YEAR.

M'Loughlin, Francis.		Pritchard, Thomas.
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SECOND YEAR.

Gibson, William W.		Fisher, Walter M.
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FIRST YEAR.

Literary Division.

Copithorne, James G.		Farrelly, Thomas.
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ENGINEERING DEPARTMENT.

THIRD YEAR.

M'Elrea, William.

SECOND YEAR.

Hackett, Edmond A.		Flatley, William P.
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FIRST YEAR.

MacNamara, Robert J.

SESSION 1879-80.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

Modern Languages and Modern History.	and 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.	|	M'Donagh, Redmond.
Millar, William J.	|	Molloy, Mark.
Kirker, Hugh F.	|	

Science Division.

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

FIRST YEAR.

Literary Division.

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

Science Division.

Carroll, H.	|	Gillespie, Alexander P.
Buckley, Thomas.	|	Freyer, John.
MacMillan, Robert.	|	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.
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THIRD YEAR.

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

Wise, Charles H.		Mitchell, William J.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Clarke, Joseph J.		Thompson, William H.



ENGINEERING DEPARTMENT.

THIRD YEAR.

Hackett, Edward A.

FIRST YEAR.

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

Literary Division.

Newell, Peter.	|	Keating, William H.
Moody, John.	|	

Science Division.

Buckley, Thomas.	|	M'Granahan, James.
M'Dermott, James.	|	Freyer, John.
Card, William.	|	

FIRST YEAR.

Literary Division.

Maxwell, Sydney L.	|	Fryar, Samuel.
Hamilton, William.	|	Hogg, Thomas S.
Shannon, Owen J.	|	

Science Division.

Fryar, Samuel.	|	M'Cune, Thomas.
Kane, Hugh.	|	Stewart, John.
Morton, David.	|	Waugh, Hugh.

* Ineligible, having obtained Scholarship in other division.

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

Hume, George A, M.A.

THIRD YEAR.

Donnell, William, B.A.

SECOND YEAR.

Brown, James.

FIRST YEAR.

[None.]

QUEEN'S COLLEGE, GALWAY.

FACULTY OF MEDICINE.

FOURTH YEAR.

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

THIRD YEAR.

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

SECOND YEAR.

Thompson, William H. | M'Glynn, John.

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.

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.

Literary Division.

Shannon, Owen J.	Hogg, Thomas S.
Thompson, James.	Maxwell, Sydney L.
Hamilton, Walter M.	

Science Division.

Morton, David.	Mahon, William.
Fryar, Samuel.	Kelly, Michael O.
M'Cune, Thomas H.	

FIRST YEAR.

Literary Division.

Evans, Isaac R.	M'Farland, Andrew.
M'Elwee, John.	Moody, William.
Laing, John.	

Science Division.

Card, David.	Gillespie, George.
Finucane, Thomas E.	Atkinson, Hugh L.
Frame, Arthur.	

FACULTY OF LAW.

SENIOR SCHOLARSHIP.

Farrelly, Michael J., B.A.

FIRST YEAR.

Nelson, Thomas E., M.A.

QUEEN'S COLLEGE, GALWAY.

FACULTY OF MEDICINE.

FOURTH YEAR.

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

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

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

Isaac R. Evans.	William C. Gannon.
John M'Elwee.	Robert H. Davison.
Daniel M'Coy.	

Science Division.

George Gillespie.	Robert M'Elney.
Thomas E. Finucane.	Arthur Frame.
Henry Carroll.	

FIRST YEAR.

Literary Division.

William A. Clarke.	Michael J. Jordan.
Thomas M'Nulty.	Andrew C. Gregg.
Alexander M'Affee.	

Science Division.

John Martin.	Thomas C. H. Oldham.
John Humphreys.	Arthur T. Benson.
Samuel Hopkins.	

FACULTY OF MEDICINE.

FOURTH YEAR.

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

Ralph B. Mahon.	Robert J. Macnamara.
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SECOND YEAR.

Richard T. Condon.	William Milligan.
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FIRST YEAR.

Science Division.

William Noble.	James S. Reynolds.
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QUEEN'S COLLEGE, GALWAY.

DEPARTMENT OF CIVIL ENGINEERING.

THIRD YEAR.

George A. H. Rowney, B.A.

SECOND YEAR.

Francis J. Lynam.

Michael M. O'Shaughnessy.

FIRST YEAR.

Alfred Allman. } equal.
Raoul Joyce. }

FACULTY OF LAW.

THIRD YEAR.

William J. Millar, M.A.

SECOND YEAR.

Thomas E. Nelson.

FIRST YEAR.

Redmond M'Donagh, B.A.

[SESSION 1883-84.

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP.

W. H. Thompson.

FOURTH YEAR.

Robert J. Macnamara.

George A. Waters

THIRD YEAR.

John F. Eagleton.

SECOND YEAR.

James Hamilton.

Eaton W. Waters

FIRST YEAR.

Literary Division.

Joseph Stewart.

Edward M'Cormick.]

SESSION 1883-84.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

William J. Clarke.	|	Andrew C. Gregg.
Arthur J. Benson.	|	Alexander M'Affee.
Michael J. Jordan.	|	

Science Division.

John Humphreys.	|	David Card.
John Martin.	|	

FIRST YEAR.

Literary Division.

Charles W. Dugan.	|	Nicholas J. M. Hession.
William M'E. Meeke.	|	Andrew G. Davidson.
Joseph J. Loftus.	|	

Science Division.

James Keers.	|	Michael H. Cowan.
Henry L. Dowd.	|	John M. Keegan.

FACULTY OF LAW.

JUNIOR SCHOLARSHIPS.

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

ENGINEERING DEPARTMENT.

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

SESSION 1884-85.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

Andrew G. Davidson.	Nicholas J. M. Hession.
Charles W. Dugan.	Edwin Hegan.
John Rusk.	

Science Division.

Moses Henry.	Henry L. Dowd.
Moses H. Cowan.	James M. Keers.
James M. Keegan.	

FIRST YEAR.

Literary Division.

William Kennedy.	John E. Cairnes.
William J. M'Kee.	James Bell.
John A. Adams.	

Science Division.

Thomas M'Candless.	Robert J. Charlton.
Patrick B. Shore.	Cuthbert Thompson.
Walter Farrington.	

FACULTY OF MEDICINE.

SCHOLARSHIPS.

FOURTH YEAR.

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

Eaton W. Waters.	James Hamilton.
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SECOND YEAR.

Joseph Stewart.	Gerard J. Pierse.
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FIRST YEAR.

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

SCHOLARS.

cxvii

ENGINEERING DEPARTMENT.

SCHOLARSHIPS.

SECOND YEAR.

Atwell Thompson.

FIRST YEAR.

William N. Binns.

|

Samuel L. Long.

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FACULTY OF LAW.

SCHOLARSHIPS.

THIRD YEAR

Redmond M'Donagh, M.A.

SECOND YEAR

John R. Moorhead, B.A.

FIRST YEAR.

John Malone

SESSION 1885-86.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

William J. M'Kee.	|	Samuel Hamilton.
John A. Adams.	|	John E. Cairnes.
Hugh Hilton.	|	

Science Division.

Cuthbert Thompson'	|	Robert J. Charlton,
Gervais C. Rentoul.	|	Walter Farrington

FIRST YEAR.

Literary Division.

Michael T. Maxwell.	|	Robert J. Semple.
Albert J. Irwin.	|	Martin F. Lydon.

Science Division.

Alexander Bain.	|	William Keers,
Francis M'Kay.	|	Patrick W. Freyer.

FACULTY OF MEDICINE.

SCHOLARSHIPS.

FOURTH YEAR.

Eaton W. Waters.

THIRD YEAR.

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

Joseph Eldon.		Joseph J. Loftus.
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FIRST YEAR'

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

SCHOLARS.

cxix

ENGINEERING DEPARTMENT.

SCHOLARSHIPS.

THIRD YEAR.

Atwell Thompson.

SECOND YEAR.

Samuel L. Long.

|

T. Charles H. Oldham.

FIRST YEAR.

Robert A. Moon.

|

Thomas A. Hall.

FACULTY OF LAW.

JUNIOR SCHOLARSHIPS.

THIRD YEAR.

John R. Moorhead.

SECOND YEAR.

Henry Smith.

FIRST YEAR.

William Brown.

SESSION 1886-87.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

William Kennedy.	|	Albert J. Irwin.
Robert J. Semple.		Michael T. Maxwell

Science Division.

Alexander Bain.	|	Charles Douglas.
William C. Millea.		George H. Raddin.
Francis M'Gay.		

FIRST YEAR.

Literary Division.

Patrick J. O'Hara.	|	William H. Gillespie.
Alexander F. Clarke.		William Donnan.
William J. M'Askie.		

Science Division.

William J. Gannon.	|	Denis Mangan.
Robert Love.		Herbert A. Bradford.
Christopher L. Bunton.		

FACULTY OF MEDICINE.

SCHOLARSHIPS.

FOURTH YEAR.

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

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

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

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

ENGINEERING DEPARTMENT.

SCHOLARSHIPS.

THIRD YEAR.

William N. Binn^s.

SECOND YEAR.

Thomas E. Finucane. | Thomas A. Hall.

FIRST YEAR.

John S. Thompson.

FACULTY OF LAW.

THIRD YEAR.

Joseph Smith, B.A.

SECOND YEAR.

William Brown, M.A.

FIRST YEAR.

Thomas Buckley.

SESSION 1887-88.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

Thomas J. Connolly.	William J. M'Askie.
Robert Love.	Andrew Gailey.
William H. Gillespie.	Alexander F. Clarke.
Patrick J. O'Hara.	

Science Division.

William J. Gannon.	Herbert A. Bradford.
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FIRST YEAR.

Literary Division.

David Brown.	Patrick Morris.
William Lee.	

Science Division.

John Paul.	John Moran.
John Deans.	Henry Campbell.
Thomas J. Harrison.	Robert W. Clements.
John F. Keenan.	

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP.

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

Gerard J. Pierse.	William J. Taylor.
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THIRD YEAR.

James R. Steen.	Joseph Eldon.
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SECOND YEAR.

James H. Heaney.	Samuel Hamilton.
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FIRST YEAR.

Science Division.
Joseph A. Clements.

ENGINEERING DEPARTMENT.

THIRD YEAR.

Thomas A. Finucane.

FIRST YEAR.

Edmund T. Binns.	Charles W. Goodman.
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FACULTY OF LAW.

SECOND YEAR.	FIRST YEAR.
Thomas Buckley.	J. D. C'Keefe.

SESSION 1888-89.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

David Browne.	|	Thomas Downard.
Denis Mangan.		John Deans.

Science Division.

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

FIRST YEAR.

Literary Division.

John S. Mahon.	|	Charles H. Hunter.
Robert A. Beattie.		James P. C. Glendenning.
James Boyd.		

Science Division.

William Deans.	|	Robert L. Roe.
Philander A. Bain.		William J. Forbes.
James Burkitt.		

FACULTY OF MEDICINE.

FOURTH YEAR.

James R. Steen.		Joseph Eldon.
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THIRD YEAR.

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

John Martin.		Charles H. Foley.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Henry Campbell.		James Robinson.

ENGINEERING DEPARTMENT.

THIRD YEAR.

Francis M'Cay.

FIRST YEAR.

Arthur P. Mahon.		Richard T. Orpen.
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FACULTY OF LAW.

THIRD YEAR.

Thomas Buckley, B.A.		SECOND YEAR.
		Francis J. O'Connor.
	FIRST YEAR.	
	Michael J. Jordan, B.A.	

SESSION 1889-90.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

SECOND YEAR.

Literary Division.

John S. Mahon.	Charles W. Hunter.
Robert A. Beattie	Andrew Gilchrist.
James Boyd.	

Science Division.

Thomas Kane.	William J. Forbes.
James P. Burkitt.	William Deans.
John F. Keenan.	

FIRST YEAR.

Literary Division.

Charles H. O'Hara.	John Caldwell.
John W. Rooney.	David M. Keegan.
William Walker.	

Science Division.

John McClelland.	Patrick M'Hugh.
James Bright.	William R. Keillor.
John C. Hayes.	

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP

(in Anatomy and Physiology).

John A. Adams, B.A.

FOURTH YEAR.

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

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

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

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

ENGINEERING DEPARTMENT.

THIRD YEAR.

George H. Radden.

SECOND YEAR.

Arthur P. Mahon.

|

Edmund T. Binns.

FIRST YEAR.

Thomas Emerson.

|

William Stuart.



FACULTY OF LAW.

THIRD YEAR.

John Muldoon.

SECOND YEAR.

John K. M'Connell, B.A.

FIRST YEAR.

Andrew C. Leitch.

SESSION 1890--91.

FACULTY OF ARTS,
SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

Charles H. O'Hara.	|	John Beatty.
David M. Keegan.	|	James Stuart.

Science Division.

John A. McClelland.	|	Daniel McCay.
John C. Hayes.	|	Joseph Lundie.
Andrew Rutledge,	|	

FIRST YEAR.

Literary Division.

William M'Gregor.	|	Robert M'Ilwaine.
Richard T. Barniville.	|	Andrew J. Walker.
John Sloane.	|	

Science Division.

Henry Anderson.	|	John Henry.
William Burke.	|	William H. Ewing.
John Stewart.	|	

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP

(in Anatomy and Physiology).

Thomas B. Kelly.

FOURTH YEAR.

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

Robert Allen.		Richard Baile.
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SECOND YEAR.

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

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

ENGINEERING DEPARTMENT.

THIRD YEAR.

Arthur P. Mahon.

SECOND YEAR.

Thomas Emerson.

FIRST YEAR.

Thomas T. Brady.

|

Martin Thornton.



FACULTY OF LAW.

THIRD YEAR.

John K. M'Connell, B.A.

SECOND YEAR.

Andrew C. Leitch.

FIRST YEAR.

John C. Conroy.

SESSION 1891-92.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

William M'Gregor.	John Sloane.
William Walker.	John G. Rutledge.
Robert M'Ilwaine.	Andrew J. Walker.
Richard T. Barniville.	

Science Division.

John Henry.	David Wilson.
William H. Ewing.	

FIRST YEAR.

Literary Division.

William T. Flack.	Owen Naughton.
Robert K. Hanna.	Charles M'Cay.
William H. Bell.	

Science Division.

Thomas Stuart.	Moses Henry.
Alexander W. Montgomery.	Joseph Mallagh.
John S. Bright.	

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP

(*in Anatomy and Physiology*).

Christopher L. Bunton, M.B.

FOURTH YEAR.

Robert Allen.

THIRD YEAR.

Joseph A. Clements.	Mortimer Hynes.
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SECOND YEAR.

William S. Carroll.	Michael Moran.
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FIRST YEAR.

<i>Literary Division.</i>	<i>Science Division.</i>
James S'L. Kirwan.	John W. Rooney.

ENGINEERING DEPARTMENT.

THIRD YEAR.

Edmund T. Binns.

SECOND YEAR.

William Stewart. | Stephen G. Gallagher,

FIRST YEAR.

Samuel D. Clements, B.A.

FACULTY OF LAW.

THIRD YEAR.

A. C. Leitch.

SECOND YEAR.

J. C. Conroy.

FIRST YEAR.

Michael A. Macnamara.

SESSION 1892-93.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

JUNIOR SCHOLARSHIPS.

SECOND YEAR.

Literary Division.

Samuel W. Entrican.	|	Frederick S. Scott.
William T. Flack.	|	Charles M'Cay.
Robert K. Hanna.	|	

Science Division.

John S. Bright.	|	Martin Thornton.
William L. Thompson.	|	

FIRST YEAR.

Literary Division.

John A. Mills.	|	Thomas A. M'Elpatrick.
Thomas W. Kernaghan.	|	Alfred G. Hewitt.
Robert A. Neilson.	|	

Science Division.

James Johnston.	|	Hugh Ryan.
Hugh Maybin.	|	

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP

(in Anatomy and Physiology).

Thomas J. Connolly, B.A.

FOURTH YEAR.

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

Thomas Downard, B.A.		John C. Nixon.
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SECOND YEAR.

James St. L. Kirwan.		Richard B. Threlfall.
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FIRST YEAR.

<i>Literary Division.</i>		<i>Science Division.</i>
Alexander W. Montgomery.		William Nicholson.

ENGINEERING DEPARTMENT

THIRD YEAR.

Daniel M'Cay.

SECOND YEAR.

Cecil A. Slade.

FIRST YEAR.

James W. Vance.

|

Richard J. Howley.

FACULTY OF LAW.

THIRD YEAR.

J. C. Conroy.

SECOND YEAR.

M. A. Macnamara.

FIRST YEAR.

J. Caldwell.

SESSION 1893-94.

FACULTY OF ARTS.

SENIOR SCHOLARSHIPS.

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

SECOND YEAR.

Literary Division.

James Johnston.	|	Thomas W. Kernaghan.
John A. Mills.	|	William H. Bell.
Robert Neilson.	|	

Science Division.

Thomas Stuart.	|	William Burke.
Hugh Ryan.	|	Hugh Maybin.

FIRST YEAR.

Literary Division.

John Reid.	|	John C. Strain.
Joseph Norris.	|	Joseph A. Roberts.
Henry Brown.	|	

Science Division.

James Moody.	|	David M'Kinley.
George Watt.	|	William R. Orr.
Frederick W. Lyons.	|	

FACULTY OF MEDICINE.

SENIOR SCHOLARSHIP

(in *Anatomy and Physiology*).

Robert Allen, M.B.

FOURTH YEAR.

Thomas Downard, B.A.

THIRD YEAR.

John F. O'Malley.		Michael M'Manus. ✓
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SECOND YEAR.

Alexander W. Montgomery.		Thomas M'Kelvey.
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FIRST YEAR.

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

SCHOLARS.

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ENGINEERING DEPARTMENT.

THIRD YEAR.

William Walker.

SECOND YEAR.

David Wilson.

|

Richard J. Howley.

FIRST YEAR.

John S. Carmichael.

FACULTY OF LAW.

THIRD YEAR.

Michael A. Macnamara.

SECOND YEAR.

James P. Rice.

FIRST YEAR.

M. J. M'Auliffe.

GRADUATES.

Adair, James J.	B.A. 1858, and M.D. 1861.
Adams, Archibald,	M.D., M.CH. 1872.
Adams, David O.	B.A. 1873, M.A. 1882.
Adams, John A.,	B.A. 1888, M.B., B.CH., B.A.O. 1890.
* Agnew, Samuel,	B.A. 1868, M.D. 1871, M.A. 1882.
Allen, Alfred,	M.D. 1876.
* Allen, William,	M.D. 1877.—Demonstrator of Anatomy, Univ., Glasgow.
Allen, Robert,	M.B., B.CH., B.A.O., 1893, Demonstrator of Anatomy, Queen's College, Galway.
Ambrose, Daniel,	M.D. 1865.
Ambrose, Robert,	B.A. 1876.
= Anderson, Alexander,	B.A. 1880, M.A. 1881.—F.R.U.I., Fellow S. S. Coll. Camb., Professor of Natural Philosophy, Queen's Coll., Galway.
Anderson, Edward,	M.D. 1867.
Anderson, Joseph R.	B.A. 1878 and M.A. 1882.
† Andrews, John,	M.D., M.CH. 1883.
Armstrong, Thomas M.	M.D. 1869.
Arnold, Pierce,	B.A. 1856, M.A. 1882.
Atkinson, Myles H. C.	M.D. 1879, M.CH. 1880.
* Atkinson, John,	B.A. 1861, M.A. 1882, LL.D. 1882, late H.M. Solicitor-General for Ireland.
Atkinson, William,	M.D. 1879.
Atock, Arthur,	M.D. 1885, M.CH. 1886, B.A.O. 1883.
Atock, Martin H.	M.D., M.CH. 1882, B.A.O. 1889.
Bacon, Theophilus,	M.D., M.CH. 1878.
Bain, John A.	B.A. 1880, M.A. 1882.
* Barker, Alexander A.	B.E. 1877, M.E. 1882.
Barnes, L. J. J.	M.D. 1869.
Bartley, Wm.	MD., M.CH. 1884, B.A.O. 1890.
* 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. 1858.
Bell, Robert,	M.D., M.CH. 1884.
Binns, Edmund T.	B.A. 1892, B.E. 1893.
* Binns, Henry A.	B.E. 1883.
§ Binns, William N.	B.E. 1888.
† Black, John G.	M.D. 1881, M.CH. 1882.
Bligh, John,	M.D., M.CH. 1865.
† Blood, Robert,	M.D., M.CH. 1871.
Bournes, W. H.	M.D. 1859.
Boycott, W. D.	B.A. 1883.
Boyd, Robt. 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. 1681.

• With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by Competition.

§ Harbour Engineer and Borough Surveyor of Galway.

† Brodie, James F.	. . . . .	M.D. 1876.
‡ Brownlow, Thomas D.	. . . . .	M.D. 1863.
Brooke, John,	. . . . .	B.A. 1867, M.A. 1870.
* Brooke, William,	. . . . .	B.A. 1867, M.D. 1874, M.A. 1882.
Brown, John I.	. . . . .	B.A. 1879, M.A. 1882.
* Brown, William,	. . . . .	B.A. 1879, M.A. 1882, LL.B. 1887.
Browne, Andrew,	. . . . .	M.D. 1864.
Browne, David,	. . . . .	B.A. 1891, M.A. 1893.
Browne, William A.	. . . . .	B.A. 1853, M.A. 1882.
‡ Bunton, Christopher L. W.	. . . . .	M.B., B.CH., B.A.O. 1891.—Demonstrator, Queen's College, 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.
† Burke, John R.	. . . . .	M.D. 1861.
† Burke, Martin J.	. . . . .	B.A. 1858, M.D. 1859.
‡ Burke, Michael J.	. . . . .	B.A. 1863, M.D. 1867.
* Burkitt, James P.	. . . . .	B.A. 1891, B.E. 1892.
Cairnes, John Edgar,	. . . . .	B.A. 1887, M.A. 1889.
Caldwell, William H.	. . . . .	M.D., M.CH. 1880.
* Campbell, James A.	. . . . .	B.A. 1879, M.A. 1882.
Card, David,	. . . . .	B.A. 1887.
Card, William,	. . . . .	B.A. 1886.
Carey, Patrick,	. . . . .	B.A. 1868.
† Carpenter, William,	. . . . .	M.D. 1862.
Carroll, Henry,	. . . . .	B.A. 1884.
Carroll, James,	. . . . .	M.D., M.C.H. 1883.
Carroll, Richard,	. . . . .	M.D. 1862.
Charlton, Robt. J.	. . . . .	B.A. 1887.
Chestnutt, Joseph W.	. . . . .	B.A. 1860, M.D. 1865, M.A. 1882.
Clancy, John J.	. . . . .	B.A. 1866, M.A. 1868, M.P., B.L.
Clarke, Samuel B.	. . . . .	B.A. 1880, M.A. 1882.
Clarke, T. R.	. . . . .	M.D., M.CH. 1866.
Clarke, William,	. . . . .	B.A. 1859.
Clarke, Wm. A.	. . . . .	B.A. 1886, LL.B. 1890.
Clements, Francis H.	. . . . .	M.B., B.CH., B.A.O. 1892.
Clements, Robert W.	. . . . .	B.A. 1892.
Clements, Robert,	. . . . .	M.D. 1873, L.G.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.
‡ Colahan, John,	. . . . .	M.D. 1857.
‡ Colahan, Nicholas W.	. . . . .	M.D., M.CH. 1872.—Professor of Materia Medica, Queen's College, Galway.
‡ Colahan, William H. W.	. . . . .	M.D., M.CH. 1870.
† Comerford, Henry,	. . . . .	M.D., M.CH. 1865.
* Concannon, Patrick,	. . . . .	B.A. 1871, M.A. 1874.
Condon, Daniel E.	. . . . .	B.E. 1879, M.E. 1882.
Connolly, Thos. Joseph,	. . . . .	B.A. 1891, M.B., B.CH., B.A.O. 1893.
Conolly, James,	. . . . .	B.A. 1858, M.D. 1866.
Conolly, Patrick W.	. . . . .	B.A. 1861, M.A. 1865.—Civil Service of Ceylon, Second place by competition.
Considine, P. Oswald,	. . . . .	M.D. 1878.
‡ Conway, John K.	. . . . .	M.D. 1866.
† Copithorne, J. G.	. . . . .	B.A. 1879, M.A. 1882.
* Corley, Anthony H.	. . . . .	M.D. 1863, D. SC. <i>Honoris Causa</i> , 1882.
Costello, Michl. J. B.	. . . . .	M.B., B.CH., B.A.O. 1891.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

- Costello, Thos. B. M.D., B.CH., B.A.O. 1888.
 Craig, Samuel R. B.A. 1869.
 Crean, Martin J. M.D. 1857.
 Creighton, Robt. W. B.E. 1883.
 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.—County Inspector, R.I.
 Constabulary.
 Crowley, Patrick, M.B., B.CH., B.A.O. 1890.
 Cullin, Henry C. B.A. 1871.
 Cunningham, John S. A. M.D. 1866.
 Cunningham, William, B.A. 1861, M.A. 1882.
 Cuppage, William B. M.D. 1871.
 * Curry, Samuel, B.A. 1893.
- Davidson, Andrew G. B.A. 1887.
 † Davies, W. Naunton, M.D., M.CH. 1870.
 † 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.
 † Davy, Francis A. M.D. 1867.
 Davys, Frank, B.A. 1858.
 Daxon, William, M.D. 1862.—Resident Physician, Dis-
 trict Asylum, Ennis.
 Deane, Henry, B.A. 1865, M.A. 1882.
 Deans, John, B.A. 1890.
 Deans, Wm. B.A. 1891.
 † Delmege, Alfred G. M.D. 1868.
 † Delmege, J. P. De G. M.D. 1862.
 Dempsey, Alexander, M.D. 1874.
 Dick, James, B.A. 1864, M.A. 1866.
 Dick, John, M.D. 1869.—Surgeon Mount Ida Dis-
 trict Hospital, Otago, New Zealand.
- † 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.
- * Dobbyn, John S. M.D. 1875.
 * 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.
 Downard, Thomas, B.A. 1890.
 Doyle, Peter John, M.D. 1883.
 Drummond, Michael, B.A. 1869, M.A. 1870.—Q.C.
 Drury, Richard J. B.A. 1869, M.D. 1873.
 † Drury, Robert, M.D. 1870.
 Duffy, Francis, M.D. 1864, M.CH. 1865.
 * 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.
- * Eagleton, John F. M.B. 1885, M.CH. 1886.
 Eaton, Richard, M.D. 1855.—Resident Physician,
 Asylum, Ballinasloe.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

Eaton, Thomas,	B.A. 1868, M.A. 1871.
Edge, John D.	M.D. 1870.
Eldon, Joseph,	M.B., B.CH., B.A.O. 1889.
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.
Evans, Isaac Rennison,	B.A. 1885.
Evans, John,	B.A. 1852.
† Evatt, George G. J. H.	M.D. 1863.
Evatt, Humphrey,	B.A. 1859.—Surveyor General, Sierra Leone.
Fairbrother, Jacob,	M.D. 1884.
* Falkiner, George A.	B.E. 1871, M.E. 1882.
Falkiner, Richard D.	Dip. Eng. 1861, M.E. 1882.—Engineer, Public Works of India, by com- petition.
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.
† Ferguson, Frederick,	M.D. 1862.
Finnucane, Thos. E.	B.E. 1889.
Fisher, John M.	B.E. 1875, M.E. 1832.
Fisher, Joseph R.	B.A. 1876.
Fitzgerald, Gerald H.	M.D. 1874.
Fitzpatrick, John,	B.A. 1868, M.A. 1869.
‡ Fitzpatrick, J. A.	M.D. 1865.
Fitzsimon, C. C.	M.D. 1875.
* 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, Thos. H.	M.B., B.CH., B.A.O. 1890.
* 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.
* Forsyth, Samuel M. C.	B.A. 1865, M.A. 1882.
Forsythe, Anderson,	B.A. 1869, M.D. 1871.
Foy, Alexander R.	B.A. 1881, M.A. 1882.
§ French, John G.	M.D. 1870.—First Place, Indian Medical Service, by competition.
* Freyer, John,	B.A. 1882.
§ Freyer, P. Johnson,	B.A. 1872, M.D. 1874, M.A. 1882.—First Place, Indian Medical Service, by competition.
Freyer, Samuel,	B.A. 1884.
Gahan, Charles J.	B.A. 1881, M.A. 1882.
Gahan, Garner,	B.A. 1878.
Gailey, Andrew,	B.A. 1889.
Gailey, John,	B.A. 1882.
Gannon, Wm. J.	B.A. 1889, M.A. 1892.—Elected to Research Scholarship by H. M. Exhibition (1851) Commis- sioners; author of Paper on Copper Electrolysis, Royal So- ciety Proceedings; Lecturer, The Owens College, Manchester.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

§ Indian Medical Service, by competition.

Garry, Thos. 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.
Gillespie, George,	B.A. 1884, M.A. 1885.
Gillespie, James J.	B.A. 1880.
Gillespie, Michael,	B.A. 1867, M.D. 1872.
Gillespie, Wm. H.	B.A. 1889, M.A. 1890.
Glover, R. Francis,	B.A. 1869, M.A. 1882.
* 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.
† Gore, Albert A.	M.D. 1860.
‡ 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.
† Gormley, Joseph A.	M.D. 1873.
† Gouldsberry, 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.—House Physician, General Hospital, Birmingham.
Gregg, Andrew C.	B.A. 1886.
Gregory, Wm. J.	M.B., B.CH., B.A.O. 1889.
Griffin, John,	B.A. 1863.
Griffin, Thomas,	B.A. 1867, M.A. 1882.
Griffith, William,	B.A. 1860,
* Hackett, Edward A.	B.E. 1880, M.E. 1882.—County Surveyor of Tipperary, by competition.
*† Hackett, Robert I. D.	B.A. 1877, M.D. 1880, M.A. 1882.
Hall, Charles B.	M.D. 1878, M.CH. 1880.
Hall, Thos. 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.
Hanly, John J.	B.A. 1880, M.A. 1881.
Hanna, James,	B.A. 1874, M.A. 1876.
† Hanrahan, James J.	M.D. 1864.
Hardiman, James,	Dip. Agric. 1853.—Librarian Queen's Col., Galway, 1855.
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.
* Harrison, John H.	B.A. 1870, M.A. 1872.—Civil Service of India, by competition.
Harrison, Thos. J.	B.A. 1892.
Hart, James C.	B.A. 1858.
Haslam, George J.	M.D. 1880.
Hayes, John C.	B.A. 1892.
Hayes, John S.	M.D. 1875.
Hayes, Patrick,	B.A., B.E. 1890.
Heaney, 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.
* Henderson, John,	B.A. 1878, M.A. 1882.
Henderson, Robt. W.	M.D. 1833.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

Henderson, S. D.	M.D. 1882.
Henderson, Thomas,	B.A. 1877, M.A. 1882.
* Henry, Augustine,	B.A. 1877, M.A. 1878.—Consular Med. Service, China.
Henry, John W. R.	B.A. 1857.
Henry, Moses,	B.A. 1836., M.A. 1888.
* Henry, William E.	B.A. 1869, M.A. 1870.—President, Wes- leyan College, St. John's, N.B.
* Henry, John,	B.A., 1893.
Heuston, Francis T.	M.D. 1878.
† Hickman, Arthur,	M.D. 1880.
* Hickman, James,	B.A. 1874, M.A. 1877.
Hickman, William,	M.D. 1872.
Hilton, Hugh,	B.A. 1889.
† Hinds, William R. G.	M.D. 1863.
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.
* 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.
* Huey, John,	B.A. 1868, M.A. 1869.
Huggard, William R.	M.D. 1875, B.A. 1876, M.A. 1879.
† Hughes, John H.	M.D. 1863.
Hughes, Patrick J.	B.A. 1853, M.A. 1882.—Consular Ser- vice of China.
Hughes, William,	B.A. 1866, M.A. 1882, M.E. 1882.—Engi- neer, Public Works of India, by competition.
* Hume, George A.	B.A. 1878, M.A. 1879, LL.B. 1880, LL.D. 1882.—Barrister at Law.
* Humphreys, John,	B.A. 1890.
* Hunter, Charles W.	B.A. 1877, M.A. 1879.
Hunter, Charles,	B.A., 1893.
‡ Hurley, Francis B.	B.A. 1856, M.D. 1860.
Hurley, Patrick,	B.A. 1862, M.A. 1882.—Civil Service of India, by competition.
Hutchinson, James,	M.D. 1861.
Hynes, Michael,	Dip. Eng. 1859, B.E. 1882.
Ievers, Robert W.	B.A. 1870, M.A. 1882.—Ceylon Civil Service, First Place, by competi- tion.
Ireland, Arthur J.	M.D. 1861.
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.
* Jackson, William J.	B.A. 1880, M.A. 1882.
James, Arthur,	B.A. 1879.
Jaquet, J. Lewis,	M.D. 1881.
† Jennings, Ulick A.	M.D. 1865.
Jennings, Michael,	M.D. 1881, M.CH. 1885.
Johnson, Alex. M.	M.D., M.CH. 1883.
Johnson, Samuel,	M.D. 1870.
Johnson, Samuel W.	M.D. 1881.
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.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service by competition.

Jordan, Michael J.	. . . . .	B.A. 1886.
Jordan, William,	. . . . .	B.A. 1881, M.A. 1882.
Jordan, William,	. . . . .	B.A. 1881, M.A. 1882.
Joyce, Patrick K.	. . . . .	B.A. 1872, M.B., B.CH. 1893.—Head Master, Royal School, Banagher.
† Joynt, Christopher,	. . . . .	M.D. 1855.
† Joynt, E. Hearne,	. . . . .	M.D., M.CH., 1870.
Kane, John,	. . . . .	B.A. 1866.
* Kane, Thos.	. . . . .	B.A. 1891.
* Keane, C. M.	. . . . .	B.A. 1853, Dip. El. Law, 1865.
Kearney, Daniel,	. . . . .	B.A. 1854.
Keating, Wm. H.	. . . . .	B.A. 1882, M.A. 1883.
Keegan, James M.	. . . . .	B.A. 1886, M.A. 1887, M.B., B.CH., B.A.O. 1890.
Keenan, John F.	. . . . .	B.A. 1892.
Keers, James,	. . . . .	B.A. 1886.
* Kelly, Michael,	. . . . .	B.A. 1874, M.A. 1876., M.D. 1882.
Kelly, P. J.	. . . . .	M.D. 1857.
Kennedy, John,	. . . . .	M.D. 1881.
* Kennedy, Wm.	. . . . .	B.A. 1888, M.A. 1890.—University 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.
Kerr, Æneas,	. . . . .	B.A. 1876, M.A. 1882.
Killen, James B.	. . . . .	B.A. 1863, M.A. 1868, LL.B. 1868.—Bar- rister-at-Law.
* Killen, John M.	. . . . .	B.A. 1866, M.D. 1870.
King, Ælian A.	. . . . .	B.A. 1862, M.A. 1882.—District Judge, Ceylon.
King, William,	. . . . .	B.A. 1853, D.Sc. <i>Honoris causa</i> 1882.— Staff of Indian Geological Survey.
Kingston, William Y.	. . . . .	M.D. 1873.
Kirker, H. Fitzwalter,	. . . . .	B.A. 1881, M.A. 1882.
Kirwan, James S'L,	. . . . .	B.A. 1893.
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.
† Lestrangle, Edward,	. . . . .	M.D. 1856.
Lewis, John P.	. . . . .	B.A. 1876, M.A. 1882.—Civil Service of Ceylon, by competition.
* Lewis, W. Llewellyn,	. . . . .	B.A. 1869, M.A. 1871.
Lightbody, Robert,	. . . . .	Dip. Eng. 1864, B.E. 1882.
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.
† Love, Robert L.	. . . . .	B.A. 1876, M.D., M.CH. 1877.
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.
‡ Lynam, Edward W.	. . . . .	B.E. 1878, M.E. 1882.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Inspector of the Board of Works (Ireland).

- * Lynam, James, B.A. 1859, M.A. 1882.
 Lynam, James, B.A. 1872, M.A. 1882.
 Lynam, Joseph D. B.A. 1881, M.A. 1882.
 * Lynam, Patrick, B.E. 1872, M.E. 1882.—First Place,
 Civil Service of Ceylon, by com-
 petition; late Engineer of Public
 Works (India), County Surveyor
 of Mayo, by competition.
 Lynam, William P. B.E. 1880, M.E. 1882.—Engineer of
 Public Works (India), by compe-
 tition.
 * Lynam, Francis J. B.E. 1884.
 * Lynham, John I. M.D., M.CH. 1875.—Professor of
 Medicine, Queen's Coll., Galway.
 Lyons, Robert W. S. M.D. 1881.
 M'Afee, Alex. B.A. 1887.
 M'Afee, William, M.D., M.CH. 1876.
 M'Aleer, John, M.D., M.CH. 1885.
 Macartney, James, M.D. 1865.
 M'Askie, Wm. J. B.A. 1890.
 Macaulay, Colman P. B.A. 1867, M.A. 1868.—Civil Service,
 of India, by competition; Finan-
 cial Secretary, Govt. of Bengal.
 † Macaulay, Charles A. M.D., M.CH. 1872.
 Macauley, Roger, M.D. 1873.
 * MacDonnell, Sir Anthony P. B.A. 1864, M.A. 1873, D. LIT. *Honoris*
causa.—Civil Service of India, by
 competition; K.C.S.I.; Member of
 Council of the Viceroy of India.
 M'Auliffe, Michael, B.A. 1860, M.A. 1882.
 M'Auliffe, T. B. M.D., M.CH. 1863.
 M'Bride, John B. B.A. 1856.
 M'Call, Robert, B.A. 1867, M.A. 1868, LL.D. *Honoris*
causa, 1882, Q.C.
 † M'Carthy, David J. M.D. 1862, M.CH. 1875.
 † M'Carthy, James, M.D. 1871.
 * M'Cay, Francis, B.A. 1889, B.E. 1890.
 * M'Clelland, John A. B.A. 1892, Special Prize at Degree
 M.A. 1893.
 † 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.
 M'Crea, Samuel, M.D. 1864.
 M'Cully, William J. B.A. 1866.
 * M'Cune, Thomas H. B.A. 1883, M.A. 1884.
 † M'Dermott, B. P. Sarsfield, B.A. 1878, M.D., M.CH. 1878
 M'Dermott, Cornelius, B.A. 1878, M.A. 1882, M.D., M.CH. 1882.
 M'Dermott, Dominick, B.A. 1853, M.A. 1882.—War Office.
 M'Donagh, Redmond, B.A. 1882, M.A. 1883.
 § M'Donnell, James O'M. M.D. 1869.
 † 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.
 M'Elney, Robert, B.A. 1884, M.A. 1887.
 M'Elrea, William, B.E. 1879.
 M'Elwaine, Robert, M.D. 1833, M.CH. 1884.
 † M'Elwee, John, B.A. 1884, M.B., M.CH. 1887.
 M'Farland Beattie, M.D. 1881, M.CH. 1883.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

§ Indian Medical Service, by competition.

	M'Farlane, Hugh,	B.A. 1878, M.A. 1879.
*	M'Farlane, Robert A.	B.A. 1867, M.A. 1869.
	MacFeeters, Wm. E.	M.B., M.CH. 1886.
	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.
	M'Gregor, William,	B.A. 1893.
	M'Ilroy, John,	M.D. 1883.
	M'Ilveen, John,	B.A. 1868.
	M'Ilwaine, Robert,	B.A. 1893.
*	M'Kane, John,	B.A. 1860, M.A. 1862.—Late Barrington Lecturer, Professor of Eng. Law, Q. Coll., Belfast.
	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.
	M'Kinney, Samuel B. G.	B.A. 1870, M.A. 1882.
*	M'Laren, James B.	B.A. 1881, M.A. 1882.
	M'Laughlin, John,	M.D. 1880.
	M'Loughlin, Francis,	M.D. 1881.
	M'Mahon, George Y.	B.A. 1852, Dip. El. Law, 1852, M.A. 1860.—Late Professor of Modern Languages, Royal College, Mauritius.
†	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.
†	M'Nally, C. J.	M.D., M.CH. 1871.
	Macnamara, John Maurice,	B.A. 1879, M.B., M.CH. 1887.
*§	Macnamara, Robert J.	M.D., M.CH. 1884.
	M'Namara, John W.	B.A. 1873, M.D. 1879.
	M'Namara, Joseph C.	B.A. 1874.—Inspector of National Schools, by competition.
§	M'Namara, William J.	B.A. 1875, M.D. 1878, M.A. 1880.—Ind. Med. Serv., First Place, Demonstrator, Q. College, Galway.
	M'Neill, John R.	M.D., M.CH. 1881.
	M'Quaid, Peter J.	M.D., M.CH. 1872.
	M'Sherry, Ed. H.	M.B., M.CH., M.A.O. 1886.
	M'Swinney, George H.	M.D., M.CH. 1871.
*	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.
	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.
	Maguire, Edward,	B.A. 1854, M.A. 1882.
*	Maguire, Thomas M.	B.A. 1867, M.A. 1870, LL.D. 1874.
	Maher N. E.	M.D. 1866.
	Mahon, John S.	B.A. 1891, M.A. 1892.
	Mahon, Ralph B.	M.B., M.CH. 1885.
	Mahon, William,	B.A. 1883, M.A. 1884.
	Mahony, John,	B.A. 1854, M.A. 1882.
	Mangan, Denis,	B.A. 1890.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

§ Indian Medical Service, by competition.

- * Mapother, Edward D. M.D. 1857.—Late Professor of Anatomy and Physiology, Royal College of Surgeons, Ireland, &c. &c.
- Marks, C. F. M.D. 1874.
- Marks, Edward G. M.D. 1876.
- 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.
- *† Martin, William Thomas, B.A. 1859, M.D. 1862, M.A. 1882.
- Maunsell, Charles A. M.D. 1862.
- Maxwell, Sydney L. B.A. 1883.
- Maxwell, William H. B.A. 1872, M.A. 1874.
- May, William G. B.A. 1859.
- * Maybin, W. B.A. 1873, M.A. 1882.—Principal of Belfast Academy.
- * Maybury, Lysander, M.D. 1878.
- Maybury, William A. M.D., M.CH. 1871.
- 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.
- 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.
- 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.
- Mitchell, Robert, B.A. 1870, M.A. 1882.
- Mitchell, Robert, M.D., M.CH. 1879.
- Mitchell, Robert J. B.A. 1854, M.A. 1860, D. LIT., *Honoris causa*.—Late Inspector of National Schools; Inspector, Registrar General's Office, Ireland.
- Mitchell, W. J. M.D. 1883.
- Moffett, Samuel, B.A. 1867.
- 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.
- Molony, John S. B.A. 1874, B.E. 1877, M.E. 1882.
- Molony, Timothy, M.D. 1872.
- * Monroe, John, B.A. 1857, M.A. 1859, LL.B. 1862, LL.D. 1832.—Studentship, Inns of Court, London; Judge of High Court of Ireland.
- Monroe, S. H. B.A. 1873, M.A. 1882.
- 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.
- * Moore, John H. B.A. 1858, M.D. 1861, M.A. 1882.
- Moore, William D. M.D., M.CH. 1880.
- * Moorehead, Wm. R. B.A. 1865, M.A. 1866, M.D. 1869.
- *§ Moorhead, James, B.A. 1871, M.A. 1872, M.D. 1875.—First place Indian Medical Service, by competition.

* With 1st Honors.

† Army Medical Service, by competition.

§ Indian Medical Service, by competition.

- * Moorhead, John R. B.A. 1881, LL.B. 1886.
 * Moorehead, John, B.A. 1855, M.D. 1856, M.A. 1857.
 * Moran, John, B.A. 1870, M.A. 1872, LL.B. 1878, LL.D. 1879.—Inspector of National Schools, by competition.
 Moran, John, B.A. 1891.
 Morris, Arthur Ed. M.D., M.C.H. 1883.
 § Morris, John James, M.D. 1873, M.C.H. 1874.
 Morris, Michael O'K. B.A. 1854, M.D. 1857, M.C.H. 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.C.H. 1882.
 Moynan, William A. M.D., M.C.H. 1881.
 † Moynan, W. E. B. M.D. 1872.
 † Mulholland, William, B.A. 1863, M.A. 1882.—Barrington Lecturer, Barrister at Law.
 * Mullally, Michael, B.A. 1871, M.A. 1873.—Inspector of National Schools, by competition.
 Mullally, William T. M.D., M.C.H. 1880.
 § Mullen, Douglas, M.D. 1872, M.C.H. 1873.
 † Mullen, Jarlath J. M.D. 1873.
 Mullen, St. Laurence, M.D., M.C.H. 1868.
 † Mullen, Thomas F. M.D. 1864, M.C.H. 1865.
 * Mulligan, J. B.A. 1869, M.A. 1871.
 Mullin, James, B.A. 1874, M.D. 1880, M.A. 1882.
 Mullin, John F. L. M.D. 1880, M.C.H. 1881.
 Munro, William H. B.A. 1880, M.A. 1882, M.B., M.C.H. 1885.
 Murphy, Michael E. M.D. 1868.
 Murray, Charles F. K. M.D. 1868, M.C.H. 1884.
 Murray, G. Stanley, M.D., M.C.H. 1875.
 * 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.
 † Nightingale, Walter H. B.E. 1880, M.E. 1882.
 Nixon, John C. B.A. 1893.
 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.C.H. 1869.
 O'Brien, Michael, M.D. 1875.
 O'Brien, Thomas M. M.D. 1877.
 † O'Connell, David V. M.D. 1881, M.C.H. 1882.
 * O'Connor, George, B.A. 1874, M.A. 1875.
 O'Connor, Patrick, M.D., M.C.H. 1877.
 O'Connor, Peter F. B.A. 1871, M.D., M.C.H. 1874.
 O'Connor, Thomas P. B.A. 1866, M.A. 1873.—M.P.
 O'Dea, Martin, M.B., B.C.H., B.A.O. 1893.
 † 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 competition.
 * O'Donnell, Francis, B.A. 1865, M.A. 1868.—Late M.P.
 O'Fairrell, Thomas, B.A. 1861, M.A. 1863, M.D. 1864.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Engineer, Public Works of India, by competition.

§ Indian Medical Service, by competition.

* O'Feely, Timothy O'B.	. . . . .	B.A. 1856, LL.B. 1857, LL.D. 1860.
*† O'Flaherty, Thomas A.	. . . . .	M.D. 1859.
O'Gorman, Patrick,	. . . . .	M.D. 1882, M.CH. 1883.
* O'Hara, Charles,	. . . . .	Dip. Agric. 1855, B.A. 1860, M.D. 1865, M.A. 1882.
O'Hara, Robert F	. . . . .	B.A. 1873.
O'Hara, Thomas,	. . . . .	Dip. Agric. 1852, B.A. 1860, M.A. 1882.— Inspector of National Schools, by competition.
O'Kelly, Thomas,	. . . . .	M.D. 1879.
* O'Kinealy, James,	. . . . .	B.A. 1858, M.A. 1882, LL.D. <i>Honoris Causa</i> .—Civil Service of India, by competition.
* O'Kinealy, Michael,	. . . . .	Dip. Eng. 1855, M.E. 1882.
* O'Kinealy, Peter,	. . . . .	B.A. 1874, M.A. 1875, LL.B. 1875, LL.D. 1882.
O'Malley, David J.	. . . . .	M.D. 1881.
* O'Neill, George F.	. . . . .	B.A. 1858, M.A. 1862.—Inspector of National Schools, by competi- tion.
O'Neill, Peter J.	. . . . .	B.A. 1872.
* Oram, John E.	. . . . .	B.E. 1868, M.E. 1882.—late Prof. Uni- versity, 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.
†† O'Reilly, Henry W. V.	. . . . .	M.B., B.CH., B.A.O. 1891.
O'Shaughnessy, M. M.	. . . . .	B.E. 1884.
† O'Sullivan, Patrick J.	. . . . .	M.D. 1875.
† O'Sullivan, Thomas,	. . . . .	M.D. 1869.
Padin, Thomas,	. . . . .	B.A. 1864, M.A. 1882.
† Palmer, Dean P.	. . . . .	M.D. 1864.
Parker, James D.	. . . . .	B.A. 1854, LL.B. 1857, LL.D. 1864.
§ Parker, Joseph,	. . . . .	M.D., M.CH. 1874.
Parry, Edward J.	. . . . .	M.D. 1881.
Patterson, Samuel,	. . . . .	B.A. 1881.
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.
† Purefoy, John W.	. . . . .	M.D. 1864.
* 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.
† Rathborne, Charles A.	. . . . .	M.D., M.CH. 1870.
† Raye, Daniel O'C.	. . . . .	M.D. 1865.
Read, Richard,	. . . . .	M.D. M.CH. 1872.
Reade, Hector M.	. . . . .	B.A. 1877.

* With 1st Honors

† Army Medical Service, by competition.

†† Naval Medical Service, by competition.

§ Indian Medical Service, by competition.

* Reed, Sir Andrew,	B.A. 1859, LL.B. 1877, LL.D. 1878, M.A. 1882.—Knt. C.B.; Inspector-General, R.I.C.
‡ Reed, Matthew,	M.D., M.CH. 1870.
† Reid, Robert,	B.A. 1854.
Reid, William Joseph,	B.A. 1861, M.A. 1882.
Reidy, Charles,	B.A. 1880.
Rentoul, Robert R.	M.D. 1880.
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.— Date Librarian, Queen's College, Galway.
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.
Ryan, Dominick D.	B.A. 1852, M.A. 1882.
Ryan, John,	M.B., M.CH., M.A.O. 1885.
Ryan, John,	B.A., B.E. 1893.
Saunderson, James E.	B.A. 1862, M.D., M.CH. 1866.
Saunderson, Robert,	M.D. 1870.
† Saunderson, William H.	B.A. 1863, M.A. 1864, M.D., M.CH. 1868.
Semple, Martin,	M.B., M.CH. 1888.
* 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.
* Sharkey, Edmond de la Garde,	B.A. 1863, M.A. 1866.—Civil Service of India, by competition.
† Sharpe, William,	M.D. 1866, M.CH. 1868.
† Shaw, John A.	M.D. 1863.
• Shiel, Joseph R.	B.A. 1871, M.A. 1873, LL.B. 1874, LL.D. 1882.
Shine, Eugene,	B.A. 1879.
*§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 University 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.
§ Smith, Henry,	B.A. 1883, M.B., M.CH., M.A.O. 1888.
Smith, Joseph,	B.A. 1884, LL.B. 1887.

* With 1st Honors.

† Army Medical Service, by competition.

‡ Naval Medical Service, by competition.

§ Indian Medical Service, by competition.

- Smith, J Anderson, B.A. 1853, M.A. 1882.
 Smith, Robert J. B.A. 1861.
 Smithwick, R. H. B.E. 1879.
 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.—Co. Surveyor, Cavan, by competition.
 Spence, J. Beveridge, M.D. 1869.
 Spencer, William F. M.D. 1872.
 Steen, James R. M.B., B.CH., B.A.O. 1890.—*Travelling Medical Sch.* 1890, R.U.I.
 Stephens, William, M.D. 1866.
 * Stewart, Joseph, M.B., B.CH., M.A.O. 1887, *Travelling Medical Sch.* 1889.—Demonstr. of Anat., 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 Professor 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 R.C.S. Dublin.
 Stratford, John, B.E. 1881.
 Stuart, Simson, M.D. 1880, M.CH. 1883.
 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.
 * 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.
 * Thompson, William H. M.D., M.CH. 1883.—Prof. of Physiology, Q.Coll., Belfast.
 Thomson, William, B.A. 1867, M.D. 1872, M.A. *Honoris causa*, 1881.—Surgeon, Richmond Hospital; Examiner, R.C.S.; Member of Senate, R.U.; and Examiner, late Queen's University, Ireland.
 Thorpe, Joseph C. M.D. 1864.
 * 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.
 * Todd, Andrew, B.A. 1876, LL.B. 1879, M.A. 1882, LL.D. 1882.
 Todd, Robert H. B.A. 1870, M.A. 1871, LL.B. 1873, LL.D. 1875.
 * Torrens, James, B.A. 1866, M.A. 1867.

* With 1st Honors.

‡ Naval Medical Service, by competition.

Torrens, James,	M.D. 1883, M.CH. 1884.
Townsend, Thomas A.	B.E. 1869, M.E. 1882.
Twigz, William.	M.D. 1862.
Vance, George,	M.B., M.CH. 1886.
* 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.
Waller, Edmund W.	Dip. Eng. 1861, B.E. 1882.
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, Wm. E.	B.A. 1871, M.D. 1873.
Warren, William H.	M.D. 1866.
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.
* 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 Professor, Training College, Toronto.
Wells, Charles,	M.D. 1880.
Wenyon, Charles,	M.D. 1880.
West, John D.	B.A. 1859.
* West, Sir Raymond,	B.A. 1855, M.A. 1869, LL.D. <i>Honoris Causa</i> , 1882.—K.C.I.E. 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.
White, Michael,	M.D., M.CH. 1873.
White, Patrick B.	M.D., M.CH. 1883, M.A.O. 1885.
* White, Sinclair,	M.D., M.CH., 1879, Lecturer on Phy- siology and Hygiene, Firth Col- lege, Sheffield.
White, Thos. R.	M.D. 1862.
Williams, J. O'Brien,	M.D., M.CH. 1877.
Williams, William,	M.D., M.CH. 1869.
Wilson, James,	M.D. 1879.
Wilson, John,	B.A. 1865, M.A. 1866.
† Wilson, J. Bower,	M.D. 1871.
Wilson, R. B. S.	B.A. 1869, M.A. 1870.
Wilson, Saml. L.	B.A. 1875, M.A. 1876.
* Wilson, Thos. N.	B.A. 1861, M.A. 1882.—Civil Service of India, by competition.
Wilson, William N.	B.A. 1865, M.A. 1866.
Winder, James,	B.A. 1865, M.A. 1882.
Wise, Charles H.	M.D. 1882.
Wood, George V.	M.D. 1866.
Wood, John E.	B.A. 1864, M.A. 1882.—Inspector of National Schools, by competi- tion.
Woods, Richard J.	B.E. 1874, M.E. 1882. — Engineer, Public Works of India, by com- petition.
Zouche, Isaiah de,	M.D. 1865.

* With 1st Honors.

† Army Medical Service, by competition.

HONOURS OBTAINED by STUDENTS of QUEEN'S
COLLEGE, GALWAY, in THE ROYAL UNIVERSITY
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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* For the Scholars of the current Session, see pages cxxxii-cxxxiii.

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

M.A. DEGREE EXAMINATION.

Honours in Mathematical Physics and Experimental Physics.

*McClelland, John A., . . . First Class.

FIRST PROFESSIONAL EXAMINATION IN ENGINEERING.

EXHIBITION.

Henry, John, First Class (£30).

HONOURS.

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

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.
McKelvey, 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.

* Special Prize of £60.

FORMER PROFESSORS AND OFFICERS.

Appointed.	Vacated.
1845. Very Rev. J. W. Kirwan, President,	Died, 1849.
1815. 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, [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.]	Resigned, 1852.
1849. Patrick G. Fitzgerald, Bursar,	Died, 1853.
1849. John Mulcahy, LL.D., Professor of Mathematics, [Author of "Principles of Modern Geometry," 1852.]	Died, 1853.
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.]	
1849. Edmond Ronalds, PH.D., Professor of Chemistry, [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 Wachees durch Saltpeter-säure," <i>Liebig Ann.</i> 1842, and "Excretion of Phosphorus," 1853, <i>Phil. Trans.</i>]	Resigned, 1856.
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.
[Sergeant-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."]	

Appointed.	Vacated.
1849. Wm. B. Blood, B.A., Professor of Civil Engineering,	Resigned, 1860.
1849. Charles Croker King, M.D., Professor of Anatomy and Physiology, [M.R.I.A. ; late Medical Commissioner, Local Government Board for Ireland. Author of numerous Papers on Anatomy and Physiology.]	Resigned, 1863.
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, 1861.
[Late Professor of Latin, Queen's College, Belfast. Author of the Article, "Horae Taciteae" in <i>Hermathena</i> , Vol. III.]	
1849. Thos. Skilling, Professor of Agriculture,	Died, 1865.
1849. Augustus Bensbach, M.D., Professor of Modern Languages,	Died, 1863.
[Author of "Sketch of German Literature."]	
1854. Richard Blair Bagley, M.A., Professor of Latin,	Died, 1869.
1859. John E. Cairnes, M.A., Professor of Jurisprudence and Political Economy,	Resigned, 1870.
[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.]	
1853. William Lupton, M.A., Registrar, appointed Professor of Jurisprudence and Political Economy,	Resigned, 1870.
1849. Simon McCoy, Professor of Materia Medica,	Resigned, 1873.
[Author of numerous papers on Medical and Surgical Science.]	
1849. Richard Doherty, M.D. Professor of Midwifery,	Died, 1876.
[Author of papers on Obstetric Science.]	
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,	Resigned, 1877.
[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> .]	
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.
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</i>	

Appointed.

Vacated

- Mathematical Journal*, 1854; "Sur la Surface Lieu des Centres de Courbure Principaux d'une Surface Courbe," in Liouville's *Journal de Mathematiques pure et appliquees*, 1858; A Mathematical Deduction of the principal properties of the Gyroscope, Dublin, 1862; and of numerous Papers in *The Oxford, Cambridge, and Dublin Messenger of Mathematics*; *The Messenger of Mathematics*, New Series; *The Quarterly Journal of Pure and Applied Mathematics*; and *The Philosophical Magazine*.]
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 *Hermathena*, 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 Palaeontographical Society, 1850; and of "Report on the Super-induced Divisional Structure of Rocks, called Jointing, and its Relation to Slaty Cleavage," *Transactions of the Royal Irish Academy*, Vol. XXV., 1875, and of numerous Papers in the *Annals of Natural History*, and in other Scientific Journals. Also Author in conjunction with Dr. T. H. Rowney of a Paper on "Eozoon Canadense" in the *Quarterly Journal of the Geological Society*, 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 *Proceedings of the Cambridge Philosophical Society*; *Proceedings of the London Mathematical Society*; *The Quarterly Journal of Pure and Applied Mathematics*; *The Messenger of Mathematics*, New Series; *The Philosophical Magazine*.]
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 Choephorae, and The Eumenides of Æschylus."

Appointed.

Vacated.

- Author of several articles in *Hermathena*, contributed largely to *Kottabos* and *Dublin Translations*.]
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, *Journal of the Chemical Society*; and in conjunction with Dr. William King of a Paper on "Eozoon Canadense" in the *Quarterly Journal of the Geological Society*, 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 *Journal of the Chemical Society*.]
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 ed. of the *Encyclopaedia 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.

CALENDAR.

10TH MONTH.]	OCTOBER, 1893.	[XXXI DAYS.
1 2 3 4 5 6 7	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	
8 9 10 11 12 13 14	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	
15 16 17 18 19 20 21	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	College Session and First Term begin. Scholarship Examinations commence. Matriculation Examination.
22 23 24 25 26 27 28	Sunday Monday Tuesday Wednesday Thursday Friday Saturday	Scholarship Examinations commence.
29 30 31	Sunday Monday Tuesday	

11TH MONTH.] NOVEMBER, 1893. [XXX DAYS.

1	Wednesday	ALL SAINTS. College Holiday. Lectures in Arts, Medicine, and Engineering begin.
2	Thursday	
3	Friday	
4	Saturday	
5	Sunday	
6	Monday	
7	Tuesday	
8	Wednesday	
9	Thursday	
10	Friday	
11	Saturday	
12	Sunday	Matriculation Examination.
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	Law Lectures commence.
27	Monday	
28	Tuesday	
29	Wednesday	
30	Thursday	

12TH MONTH.] DECEMBER, 1893. [XXXI DAYS.

1	Friday	Examinations for Law Scholarships.	
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	} Lectures in Arts, Medicine, Law, and Engineering terminate. Examination for Blayney Exhibition.	
20	Wednesday		
21	Thursday	Examinations for Law Scholarships commence.	
22	Friday	First Term ends.	
23	Saturday		
24	Sunday	CHRISTMAS DAY.	
25	Monday		
26	Tuesday		
27	Wednesday		
28	Thursday		
29	Friday		
30	Saturday		
31	Sunday		

1ST MONTH.]

JANUARY, 1894.

[XXXI DAYS.

1	Monday	
2	Tuesday	
3	Wednesday	
4	Thursday	
5	Friday	
6	Saturday	
7	Sunday	Second Term begins. Lectures in Arts, Medicine, and Engineering commence.
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	
31	Wednesday	

2ND MONTH.] FEBRUARY, 1894. [XXVIII DAYS.

1	Thursday	
2	Friday	
3	Saturday	
4	Sunday	
5	Monday	
6	Tuesday	SHROVE TUESDAY. College Holiday.
7	Wednesday	ASH WEDNESDAY. College Holiday.
8	Thursday	
9	Friday	
10	Saturday	
11	Sunday	
12	Monday	Law Lectures commence.
13	Tuesday	
14	Wednesday	
15	Thursday	
16	Friday	
17	Saturday	
18	Sunday	
19	Monday	
20	Tuesday	
21	Wednesday	
22	Thursday	
23	Friday	
24	Saturday	
25	Sunday	
26	Monday	
27	Tuesday	
28	Wednesday	

3RD MONTH.]

MARCH, 1894.

[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	{ ST. PATRICK'S DAY. College Holiday. Lectures in Arts, Medicine, Law, and Engineering end. Second Term ends.
18	Sunday	
19	Monday	
20	Tuesday	
21	Wednesday	
22	Thursday	
23	Friday	GOOD FRIDAY.
24	Saturday	
25	Sunday	EASTER SUNDAY
26	Monday	
27	Tuesday	
28	Wednesday	
29	Thursday	
30	Friday	
31	Saturday	Third Term begins.

4TH MONTH.]

APRIL, 1894.

[XXX DAYS.

1	Sunday	Lectures in Arts, Medicine, and Engineering begin.
2	Monday	
3	Tuesday	
4	Wednesday	
5	Thursday	
6	Friday	
7	Saturday	
8	Sunday	Medical Lectures end.
9	Monday	
10	Tuesday	
11	Wednesday	
12	Thursday	
13	Friday	
14	Saturday	
15	Sunday	
16	Monday	
17	Tuesday	
18	Wednesday	
19	Thursday	
20	Friday	
21	Saturday	
22	Sunday	
23	Monday	
24	Tuesday	
25	Wednesday	
26	Thursday	
27	Friday	
28	Saturday	
29	Sunday	
30	Monday	

5TH MONTH.]

MAY, 1894.

[XXXI DAYS.

1	Tuesday	
2	Wednesday	ASCENSION DAY. College Holiday.
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	Lectures in Arts and Engineering end.
20	Sunday	
21	Monday	
22	Tuesday	
23	Wednesday	
24	Thursday	CORPUS CHRISTI. Queen's Birthday. College Holiday.
25	Friday	
26	Saturday	
27	Sunday	
28	Monday	
29	Tuesday	
30	Wednesday	
31	Thursday	

6TH MONTH.]

JUNE, 1894.

[XXX DAYS.

1	Friday	Sessional Examinations end.
2	Saturday	
3	Sunday	Third Term ends. End of Session.
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	
22	Friday	
23	Saturday	
24	Sunday	
25	Monday	
26	Tuesday	
27	Wednesday	
28	Thursday	
29	Friday	
30	Saturday	

7TH MONTH.]

JULY, 1894.

[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	
18	Wednesday	
19	Thursday	
20	Friday	
21	Saturday	
22	Sunday	
23	Monday	
24	Tuesday	
25	Wednesday	
26	Thursday	
27	Friday	
28	Saturday	
29	Sunday	
30	Monday	
31	Tuesday	

8TH MONTH.]

AUGUST, 1894.

[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	

9TH MONTH.] SEPTEMBER, 1894. [XXX 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	

SESSION 1893-94.

VISITORS.

- The Right Honorable the Chief Secretary for Ireland.
The Right Reverend the Lord Bishop of Tuam.
The Right Honorable the Lord Morris.
The Right Honorable the Lord Chief Justice of Ireland.
The Rev. the Moderator of the General Assembly.
The President of the King and Queen's College of Physicians.
The President of the Royal College of Surgeons.
-

PRESIDENT.

THOMAS W. MOFFETT, LL.D., D.LIT.

PROFESSORS.

- Greek*, D'Arcy W. Thompson, M.A. CAMB., D.LIT.,
F.R.U.I.
Latin, Philip Sandford, M.A. DUB.
Mathematics, Alfred C. Dixon, M.A. CAMB. and LOND.,
Examiner, R.U.I., Fellow of Trinity
College, Cambridge.
Natural Philosophy, Alexander Anderson, M.A. CAMB., Ex-
aminer, R.U.I., Fellow of Sidney
College, Cambridge.
History, English Literature, and Mental Science, } Thomas W. Moffett, LL.D. DUB., D.LIT.
} Senator, R.U.I. (President).
Chemistry, Alfred Senior, PH.D. BERLIN.
Natural History, Mineralogy and Geology, } Richard J. Anderson, M.A., M.D., R.U.I.,
} M.R.C.S. ENG.

PROFESSORS—*continued.*

<i>Modern Languages,</i>	. . .	Valentine Steinberger, M.A., F.R.U.I.
<i>Jurisprud. and Polit. Econ.,</i>		Charles Francis Bastable, L.L.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., Examiner, R.U.I.

(The above compose the Corporate Body.)

COUNCIL.—1893-94.

The President.

Alexander Anderson, M.A.	|	Philip Sandford, M.A.
Joseph P. Pye, M.D., M.CH.		Edward Townsend, M.A., D.SC.
Alfred Senier, PH.D.		Richard J. Kinkead, B.A., M.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 in Ireland.</i>		Rev. John C. Clarke, B.A.
<i>Wesleyan Methodist Church,</i>	. . . . .	Rev. Robert Boyd, M.A.
<i>Independent Church,</i>	. . . . .	* * *

LECTURERS.

<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, B.A. (<i>Demonstrator</i>).
<i>Chemistry,</i>	A. J. Walker (<i>Demonstrator</i>).
<i>Anatomy,</i>	Robert Allen, M.B. (<i>Demonstrator</i>).

Senior Scholars act as assistants and demonstrators to the Professors in the various departments, as required by the Council.

REGISTRAR'S AND BURSAR'S OFFICE.

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 1893-94 commences on Tuesday, October 17th, and ends on December 23rd, 1893.

The Second Term commences on January 8th, and ends on 17th March, 1894.

The Third Term commences on 31st March, and ends on June 9th, 1894.

In the Faculties of Law and Medicine the Session terminates at the end of April.

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 1893-94, it will commence on Friday, 20th October, at 10 o'clock, A.M.

An additional Matriculation Examination will be held on the 16th of 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.

Candidates for Matriculation are required to appear in the Registrar's office at ten o'clock the day after the Matriculation Examination, for the purpose of entering their names 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 shall 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. STUDENTS OF OTHER UNIVERSITIES.

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 the several Faculties of Arts, Law, Medicine, and School of Engineering, 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, on depositing £1, are permitted to take out two volumes 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; but, in the opinion of the Law Officers of the Crown, are ineligible for Scholarships or Prizes.

V. FEES PAYABLE BY STUDENTS.

To be paid to Bursar at commencement of First Term.

	£	s.	d.
College Fee—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

Except for following—

	£	s.	d.
Anatomy and Physiology (First Course), .	3	0	0
First Re-attendance on Physiology (by Junior Student-),	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 Instructions in Chemical Laboratory, per month,	1	0	0
Hebrew or Sanskrit,	3	0	0
Practical Biology (3 Months),	1	0	0
Practical Physics,	1	0	0
Honor Courses -- In all subjects of the 1st and 2nd Years,	2	0	0
† 3rd Year,	3	0	0

* Conjoint Fee, £3

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

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 Academics.

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

Attendance upon Courses of Lectures in the Faculty of Arts is recognised as exempting from re-attendance in cases where Students pass to a different Faculty or School.

In case 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 November to 1st March, between the hours of 10 A.M. and 4 P.M., and from 1st March to 1st 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 a period 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.

No Student can borrow books from the Library until he has deposited the sum of £1 with the Bursar, which will be returned to him at the end of a Term on the production of a Certificate from the Librarian stating that the books borrowed by him have been returned uninjured.

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

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 in the meantime applied for.

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

Any Student losing or injuring a book belonging to the Library must replace it by another copy of the same edition and of equal value, or pay such a sum of money as will enable the College to replace it.

Persons resident in Galway other than Professors or Students may by permission of the Council or of the Lib-

rary 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 mean time been applied for.

(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. A Supplementary Examination in the same subjects is held at the commencement of the following Session.

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; and no Student can be permitted to enter upon the Course of the succeeding year until he has so completed the previous Session in any one of the Queen's Colleges, or in any University empowered to grant Degrees.

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.

Honors 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 forty pounds each to Matriculated Students whose answering is re-

ported 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, Galway, 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.

* 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.

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

- | | |
|------------------------------------------|---------------------------------------|
| 1. Greek and Latin, and Ancient History. | 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.

For the date of these Examinations see page 14. For the courses in the various branches, see pages 25, *sqq.*

† One Senior Scholarship in *Anatomy and Physiology*, value £40, will also be open for competition at commencement of Session, 1893-94, 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.

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.) „ FACULTY OF LAW, three (value £20 each).
- (c.) „ FACULTY OF MEDICINE, eight (value £25 each).
- (d.) „ 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 18); ten others—five literary and five science*—to students of the *Second Year* (see page 21); 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 page 18, *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 48.

(c.) Of the eight Junior Scholarships appropriated to the FACULTY OF MEDICINE

<i>two</i> are tenable by students of the <i>First</i> year.			
<i>two</i>	„	„	<i>Second</i> „
<i>two</i>	„	„	<i>Third</i> „
<i>two</i>	„	„	<i>Fourth</i> „

For courses, &c., see page 58, *sqq.*

* 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.

(d.) Of the five Junior Scholarships appropriated to the SCHOOL OF ENGINEERING

two	are	tenable	by	students	of	the	First	year.
two	„	„	„	Second	„	„	„	„
one	„	„	„	Third	„	„	„	„

For courses see page 67, 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 31, 49, 53, and 66).

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 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, or failing to pass the Sessional Examinations, vacate their Scholarships.

For the days and hours of examination for these Scholarships see pages 14-15.

For the courses see under the various Faculties.

* As the official list of the Royal University Autumn Matriculation may not have appeared at the time of the Scholarship Examination, Students who were candidates at that Examination are admitted to the Scholarship Examination *provisionally*.

Except for following—

	£	s.	d.
Anatomy and Physiology (First Course), .	3	0	0
First Re-attendance on Physiology (by Junior Student-),	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 Instructions in Chemical Laboratory, per month,	1	0	0
Hebrew or Sanskrit,	3	0	0
Practical Biology (3 Months),	1	0	0
Practical Physics,	1	0	0
Honor Courses--In all subjects of the 1st and 2nd Years,	2	0	0
† " " " " 3rd Year,	3	0	0

* Conjoint Fee, £3

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

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 Academicals.

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

Attendance upon Courses of Lectures in the Faculty of Arts is recognised as exempting from re-attendance in cases where Students pass to a different Faculty or School.

In case 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.

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The Library is closed (1) during the month of July; (2) on College holidays; (3) for a period 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.

No Student can borrow books from the Library until he has deposited the sum of £1 with the Bursar, which will be returned to him at the end of a Term on the production of a Certificate from the Librarian stating that the books borrowed by him have been returned uninjured.

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

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 in the meantime applied for.

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

Any Student losing or injuring a book belonging to the Library must replace it by another copy of the same edition and of equal value, or pay such a sum of money as will enable the College to replace it.

Persons resident in Galway other than Professors or Students may by permission of the Council or of the Lib-

rary 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 mean time been applied for.

(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. A Supplementary Examination in the same subjects is held at the commencement of the following Session.

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; and no Student can be permitted to enter upon the Course of the succeeding year until he has so completed the previous Session in any one of the Queen's Colleges, or in any University empowered to grant Degrees.

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.

Honors 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 forty pounds each to Matriculated Students whose answering is re-

ported 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, Galway, 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.

* 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.

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

- | | |
|------------------------------------------|---------------------------------------|
| 1. Greek and Latin, and Ancient History. | 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.

For the date of these Examinations see page 14. For the courses in the various branches, see pages 25, *sqq.*

† One Senior Scholarship in *Anatomy and Physiology*, value £40, will also be open for competition at commencement of Session, 1893-94, 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.

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.) „ FACULTY OF LAW, three (value £20 each).
- (c.) „ FACULTY OF MEDICINE, eight (value £25 each).
- (d.) „ 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 18); ten others—five literary and five science*—to students of the *Second Year* (see page 21); 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 page 18, *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 48.

(c.) Of the eight Junior Scholarships appropriated to the FACULTY OF MEDICINE

<i>two</i> are tenable by students of the <i>First</i> year.			
<i>two</i>	„	„	<i>Second</i> „
<i>two</i>	„	„	<i>Third</i> „
<i>two</i>	„	„	<i>Fourth</i> „

For courses, &c., see page 58, *sqq.*

* 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.

(d.) Of the five Junior Scholarships appropriated to the SCHOOL OF ENGINEERING

<i>two</i>	are tenable by students of the	<i>First</i>	year.
<i>two</i>	„	„	<i>Second</i> „
<i>one</i>	„	„	<i>Third</i> „

For courses see page 67, *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 31, 49, 53, and 66).

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 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, or failing to pass the Sessional Examinations, vacate their Scholarships.

For the days and hours of examination for these Scholarships see pages 14-15.

For the courses see under the various Faculties.

* As the official list of the Royal University Autumn Matriculation may not have appeared at the time of the Scholarship Examination, Students who were candidates at that Examination are admitted to the Scholarship Examination *provisionally.*

EXHIBITIONS.

The Council may award Exhibitions to Matriculated Students, varying in value from £12 to £20, at the Examinations for Junior Scholarships.

No Student is allowed to compete for an Exhibition in any course substantially the same as that in which he has already held a Scholarship or Exhibition.

All Exhibitioners failing to attend the prescribed courses of Lectures, and to pass the Sessional Examinations, vacate their Exhibitions.

 THE "BLAYNEY" EXHIBITION.

An Examination for One Exhibition, value £29 16s. 4d., 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 Honor 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. 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.

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

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

The Exhibition is awarded in alternate years for Classical and Scientific merit respectively. In 1893 the course will be Scientific.

COURSE FOR THE SESSION 1893-94.

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*.

"BLAYNEY" EXHIBITIONERS.

1890 (<i>Classics</i>),	.	.	.	John S. Mahon (Sch.)
1891 (<i>Science</i>),	.	.	.	John M'Cielland (Sch.)
1892 (<i>Classics</i>),	.	.	.	William M'Gregor (Sch.)
1893 (<i>Science</i>),	.	.	.	None awarded.

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 1893-5 given to this College by the Royal Commission, application may be made to the Registrar.

1892-3, . . . William Gannon, M.A.

[TIME TABLE OF EXAMINATIONS.]

**DAYS AND HOURS OF MATRICULATION AND SCHOLARSHIP EXAMINATIONS.
OCTOBER, 1893.**

DAYS.	HOURS.	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.	SENIOR SCHOLARSHIPS.
Tuesday, 17th Oct.	10—5		Supplementary Examinations.	Supplementary Examinations.	
Wednesday, 18th Oct.	10—5		Supplementary Examinations.	Supplementary Examinations.	
Thursday, 19th Oct	10—1		Scholarship Examinations. Lit. Schol.—Latin.		Latin.
	2—5		Lit. Schol.—Greek.		Greek.
Friday, 20th Oct.		<u>MATRICULATION.</u>			
	10—11½ 11½—1 11½—1	English. Latin. Greek.	10—1 { Lit. Schol.—English. Eng. Schol.—Geom. Draw., &c.		French.
	2—3½ 3½—5	French or German or Italian.— Mathematics.	2—5 { Lit. Schol.—English. Eng. Schol.—Geom. Draw., &c.		German. Italian.
Saturday, 21st Oct.	10—1		Lit. Schol.—Latin. Med. Schol.—Nat. Hist.		Latin. Natural History.
	2—5		Lit. Schol.—Greek. Med. Schol.—Nat. Hist.		Greek.

		SCHOLARSHIPS.		Med. } Eng. } Lit. }	Schol.—Mod. Lang.	Engin. Schol.—Engin.	Economic Science.
		Lit. } Med. }	Schol.— English.				
Monday, 23rd Oct.	10—1	Lit. } Med. }	Schol.— English.	Med. } Eng. } Lit. }	Schol.—Mod. Lang.	Engin. Schol.—Engin.	Economic Science.
	2—5	Lit. } Med. }	Schol.— Greek.		Lit. Schol.—Mod. Lan.	Engin. Schol.—Engin.	Modern History
Tuesday, 24th Oct.	10—1	Lit. } Med. }	Schol.— Latin.	Med. } Engin. }	Schol.—Theor. Chem.		Theor. Chemistry.
	2—5	Lit. } Med. }	Schol.— Greek.				Math. Phys.
Wednesday, 25th Oct.	10—1	Lit. } Med. }	Schol.— Latin.	Science Schol. } Med. Schol. } Engin. Schol. }	Expl. Physics.	Engin. Schol.—Math. Phys.	Expl. Phys. Pract. Phys. (hour to be arranged.)
	2—5	Science } Med. } Engin. }	Schol.— Arithm. Algebra.	Science } Engin. }	Schol.—Math.		Metaphysics.
Thursday, 26th Oct.	10—1	Science } Med. } Engin. }	Schol.— Geom. Trig.	Science } Engin. } Med. Schol.—Anat.	Schol.—Math.	Engin. Schol.—Math.	Mathematics.
	2—5	Lit. } Med. }	French.		Med. Schol.—Anat.	Engin. Schol. Practical Chemistry.	Practical Chemistry.
Friday, 27th Oct.	10—1	Lit. } Med. }	German.				English
	2—5	Lit. } Med. }	Italian.				English.

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

TIME TABLE OF THE EXAMINATIONS FOR MEDICAL SCHOLARSHIPS OF THE THIRD AND
FOURTH YEAR.

THURSDAY,	26th October,	{ 10-1, Anatomy. { 2-5, Physiology.
FRIDAY,	27th October,	{ 10-1, Materia Medica. { 2-5, Surgery.
MONDAY,	30th October,	{ 10-1, Midwifery. { 2-5, Medicine. { 10-3, Practical Chemistry.
TUESDAY,	31st October,	{ 10-11 $\frac{1}{2}$, } Medical { 11 $\frac{1}{2}$ -1, } Jurisprudence.

TIME TABLE.

Arrangements will be made for holding the Examinations for LAW SCHOLARSHIPS early in December.

James Hardiman Library, NUI Galway

EXAMINATIONS.

COURSES FOR THE SESSION 1893-4.

I.—MATRICULATION.

[For regulations and date see pages 4 and 14.]

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* (For Medical Faculty only).

Detailed courses :—

- i. LATIN, . . . Virgil—*Æneid*, Book v.
Cæsar—*De Bello Gallico*, Books ii. and iii.
Outlines of Roman History, from 390 B.C.
to 27 B.C.
Latin grammar.
Easy sentences to be translated into Latin.
- ii. GREEK, . . . Homer—*Iliad* xvi.
Plato—*Apology of Socrates*.
Outlines of Grecian History, from 560 B.C.
to 322 B.C.
Greek grammar (Declensions, Conjugations,
Rules of Syntax).
- FRENCH, . . . Racine—*Iphigénie*.
Fénelon—*Dialogues des Morts*
Elements of French grammar.
- GERMAN, . . . Schiller—*Wilhelm Tell, Act i*.
Hauff—*Die Karavane*.
Elements of German grammar.
- ITALIAN, . . . Silvio Pellico—*Le mie Prigionie*, cap. 50-100
Metastasio—*Attilio Regolo*.
Elements of Italian grammar.
- iii. ENGLISH, . . . Grammar and Composition, outlines of
Ancient and Modern Geography.
Macaulay—*Life of Goldsmith*.
Goldsmith—*Deserted Village - Retaliation*.
- iv. MATHEMATICS—Arithmetic—Including Vulgar and Decimal
Fractions, Ratio and Proportion, the Rule of three and its
applications, and the Extraction of the Square Root.
Algebra—including Fractions, Proportion, and the solution
of Simple Equations. Geometry—Euclid, Books i, ii, iii.
- v. EXPERIMENTAL PHYSICS—The Elementary principles of Dy-
namics and Hydrostatics, as treated in Everett's Text book of
Physics.

B. IN THE SCHOOL OF ENGINEERING.

Subjects:—

- i. MATHEMATICS—Same course as in the Faculty of Arts (iv), with the addition of Euclid, Books iv. and vi., and Definitions of Book v.
 - ii. Outlines of *Ancient History*.
 - iii. Outlines of *Ancient and Modern Geography*.
 - iv. *English Grammar and Composition*.
-

II.—JUNIOR SCHOLARSHIPS OF THE FIRST YEAR.

[For dates of Examination and regulations see pages 14 and 10 *sqq.*]

1. FACULTY OF ARTS.

Ten Junior Scholarships are awarded to Students of the *First Year*, five for proficiency in Literary Studies and five for proficiency in Scientific Studies. But the Council may withhold Scholarships in either department on the ground of insufficient answering, and may assign Scholarships so withheld to the other department. The Council is also empowered to award Exhibitions in either or both departments if sufficient merit be shown.

A. LITERARY SCHOLARSHIPS OF THE FIRST YEAR.

Subjects:—

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

[Candidates may answer in *two*, but not in 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, 150.

Cicero—*Pro Lege Manilia*, and *Pro Archia*.

Virgil—*The Æneid*, Books V. and VI.

Cæsar—*De Bello Gallico*, Books II. and III.

Sallust—*Catiline*.

A Paper on Latin Grammar.

Roman History—133–65 B.C.

Composition in Latin Prose.

ii. GREEK, 150.

Homer—*Iliad*, Book XVI.

Euripides—*Medea*.

Plato—*Apology and Crito*.

A piece of unprepared Greek from the Hellenics of Xenophon.

Grecian History—560 to 322 B.C., and outlines of Greek Literature.

Composition in Greek prose.

A paper of questions in Greek Grammar, touching on Declensions, Conjugations, ordinary Rules of Syntax, and Idiomatic Constructions.

FRENCH, 100.

Racine—*Iphigénie*.

Fénelon—*Dialogues des Morts*.

Lamartine—*Jeanne d'Arc*.

La Fontaine—*Fables*, Books 3 and 4.

French Grammar.

Translation from English into French.

GERMAN, 100.

Riehl—*Burg Neideck*.

Schiller—*Wilhelm Tell*.

A. von Humboldt—*Selections* (Cotta) to page 79 inclusive.

German Grammar.

Translation from English into German.

ITALIAN, 100.

Silvio Pellico—*Le mie Prigioni*, 50 to 99.

Soave—*Novelle Morali*, I. to X.

Metastasio—*Temistocle and Attilio Regolo*.

Italian Grammar.

Translation from English into Italian.

iii. ENGLISH, 100.

English Grammar and Composition.

Outlines of Modern Geography.

Macaulay—*Essay on Addison*.

Goldsmith—*Deserted Village and Retaliation*.

Shakespeare—*Richard II*.

Johnson—*Life of Swift*.

Addison—*Selected Essays* (Macmillan's Edition), Introduction and first 209 pages.

B. SCIENCE SCHOLARSHIPS OF THE FIRST YEAR.

Subjects :—

I. Arithmetic :—

Including Vulgar and Decimal Fractions, Ratio and Proportion, the Rule of Three and its applications, and the Extraction of the Square Root.

II. Algebra :—

Including the Solution of Simple and Quadratic Equations; Arithmetical and Geometrical Progressions; Permutations and Combinations; the Binomial Theorem for a positive Integral exponent; the nature and use of Logarithms; and Problems.

III. Geometry :—

Euclid, Books I., II., III., IV., and VI., with the definitions of Book V. (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. The Council may withhold the Scholarship, or may also award an Exhibition. (See page 10).

Subjects :—

I. Law of Property, &c. :—

William's Real Property. Goodeve's Modern Law of Real Property.

II. Jurisprudence :—

Maine's Ancient Law. Austin's Jurisprudence, Vol. 1, (Campbell's Edition). Markby's Elements of Law (4th Edition).

3. FACULTY OF MEDICINE.

Two Junior Scholarships are awarded in the First Year. (See page 10).

The course for one is the same as that prescribed for *Literary Scholarships of the First Year in the Faculty of*

Arts (pages 18-19), 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 20). 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 20). The Council may withhold the Scholarships, or award Exhibitions as in the Faculty of Arts.

III.—JUNIOR SCHOLARSHIPS OF THE SECOND YEAR.

[The Council exercises the same power of withholding or transferring these Scholarships, and of granting Exhibitions as in the case of the Junior Scholarships of the First Year. For dates of Examinations and regulations see pages 14 and 10.]

1. FACULTY OF ARTS.

Ten Junior Scholarships (tenable for two years; see page 10) are awarded to students who have completed their First Year's course in this or other recognised College or University, five for proficiency in *Literary* Studies, and five for proficiency in *Scientific* Studies.

A. LITERARY SCHOLARSHIPS OF THE SECOND YEAR.

Subjects :—

i. *Latin*.

ii. Any one of the following languages :—

Greek, French, German, Italian.

(Candidates may answer in two, but not in 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*, Books I. and II., and *Odes*, Books I. and II.Virgil—*Georgics* II. and IV.Livy—*Book XXIII.*

A piece of unprepared Latin.

Latin Prose Composition, and Questions on Grammar and Philology.

Roman History— from B.C. 201 to B.C. 88.

Roman Antiquities.

ii. GREEK—200.

Euripides—*Hercules Furens.*Homer—*Odyssey*, VI., VII.Demosthenes—*Olynthiacs*, I., II., III.Herodotus—*Book VIII.*

A piece of unprepared Greek.

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.*Voltaire—*Siècle de Louis XIV.*, to end of Chap. 13.Bossuet—*Oraison funèbre de Condé.*Questions on the Works and Lives of the Authors prescribed,
French Grammar.

Translation from English into French.

GERMAN—150 :—

Uhland—*Balladen* (Cotta's small edition).Lessing und Gellert—*Fabeln*, &c. (Pitt Press Series).Heine—*Harzreise*, Selections. (Clarendon Press).Goethe—*Prosa*, First Part (Cotta's small edition).

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.

Italian Grammar.

Translation from English into Italian.

Questions on the Works and Lives of the Authors prescribed.

iii. ENGLISH—150.

Shakspeare—*Macbeth*.

Milton—*Comus and Arcades*.

Pope—*Essay on Criticism*.

Johnson's *Rasselas and Life of Pope*.

Gray—*Elegy*; *Odes—on Spring, Eton, Adversity, the Progress of Poesy; the Bard*.

Byron—*The Corsair*.

History of English Literature from 1714 to 1820.

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,

Algebra :—

The general treatment of Series, including their Convergency and Divergency; the Binomial Theorem; Exponential and Logarithmic Series, and the construction and use of Logarithmic Tables; Elements of Determinants; Nature and Simple Transformations of Equations; Symmetric Functions of the Roots; Binomial Equations; Algebraic Solution of the Cubic and Biquadratic Equation; Properties of the Derived Functions; Elimination.

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 and Spherical.

Analytic Geometry :—

Discussion of the Equations of the Right Line and Circle in Cartesian and Trilinear 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 day and hour of Examination see page 16.

For the course see page 48.

3. FACULTY OF MEDICINE.

Two Junior Scholarships (value £25 each) are awarded in the Second Year.

For day and hour of Examination see page 15.

For the course see page 59.

4. SCHOOL OF ENGINEERING.

Two Junior Scholarships (value £20 each) are awarded in the Second Year.

For day and hour of Examination see page 15.

For the course see page 68.

 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 10.

2. FACULTY OF LAW.

One Junior Scholarship (value £20) is awarded in the Third Year.

For the course see page 48.

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 60.

4. SCHOOL OF ENGINEERING

One Junior Scholarship (value £20) is awarded in the Third Year.

For the course see page 68.

V.—SENIOR SCHOLARSHIPS.

Nine Senior Scholarships are open for competition to students who have qualified (see page 9), one in each of the eight departments there enumerated, and (for the Session 1893-94) one in Anatomy and Physiology. The details of the Examinations are as follows :—

I.—GREEK AND LATIN AND ANCIENT HISTORY.

GREEK :—

Aristotle—*Poetics* ; Homer—*Odyssey* ; Aeschylus—*Eumenides* ;
Aeschines—*In Ctesiphontem* ; Demosthenes—*De Corona*.

Translation from a passage of unprepared Greek.

Grecian History, from 387 B. C. to 322 B. C.

Composition in Greek Prose.

Questions on Greek Grammar and Philology.

LATIN :—

Tacitus—*Histories* ; Lucretius—*Books i. and ii.* ; Plautus—*Capituli* ;
Cicero—*De Oratore* ; Persius ; Virgil—*Aeneid* 6. 7. 8. 9. ; Horace—*Odes*.

Roman History—to the death of Marcus Aurelius.

Latin Prose Composition.

Advanced Latin Grammar and Philology.

II.—MODERN LANGUAGE AND MODERN HISTORY

(i.) ENGLISH :—

Chaucer—*Prologue* ; Shakespeare—*Tempest* and *Henry V.* ; Bacon—*Advancement of Learning*, Book ii., Chaps. 1-21. ; Scott—*The Antiquary* ; Byron—*M. Arnold's Selections* (including Preface) ; Moore—*The Fire Worshippers* ; Burke—*Two Speeches on America* ; Grattan—*Speech on the Catholic Claims, 1805* ; Coleridge—*Biographia Literaria*, Chaps. 14-22.

Any two of the following—FRENCH, GERMAN, ITALIAN.

FRENCH:—

Descartes—*Discours de la Méthode*.

Fénelon—*Lettre à l'Académie*.

Taine—*L'Ancien Régime*.

Corneille—*Le Cid, Horace, Polyeucte*.

Molière—*Les Femmes Savantes*.

Brachet—*Morceaux choisis des grands écrivains du 16 siècle with the Introduction*.

French Literature of 17th Century.

Brachet's *Grammaire Historique de la Langue Française*.

Translation from English into French.

GERMAN:—

Schiller—*Wallenstein's Lager*.

Goethe—*Egmont, First part of Faust, Tasso*.

Freytag—*Soll und Haben, Buch, 1, 2, 3*.

History of German Literature, of the 17th century.

Elements of the History of the German Language.

[Translation from English into German.

German Grammar.

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 of the 13th Century.

MODERN HISTORY—

History of Great Britain and Ireland from 1589 to 1815.

History of France during the same period.

III.—MATHEMATICS.

The Mathematical Course appointed for the Science Scholarship of the second year; theory of Algebraical Equations, including their numerical solution; Analytic Geometry of two and of three dimensions; Differential and Integral Calculus, including its application to Geometry.

IV.—NATURAL PHILOSOPHY.

Mathematical Physics, including—

- 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, and Fleming's Alternate Current Transformer, Part I.

Candidates will be required to show a practical knowledge of the use of Physical apparatus.

V.—METAPHYSICAL AND ECONOMIC SCIENCE.

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.

Psychology.—(i.) Enumeration and Analysis of Psychological phenomena, as Consciousness, Sensation, Imagination, Remembrance, Judgment, Reasoning, Appetite, Emotion, Volition.

(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.

Candidates will be required to answer on the above course.—

Either (i.) according to the principles of the philosophy of Aquinas [as expounded in Zigliara's *Summa Philosophica in usum Scholarum* or other similar treatise.]

Or (ii.) 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 :—

- Adam Smith—The Wealth of Nations.
 J. S. Mill—Political Economy.
 Toynbee—Industrial Revolution.
 Ingram—History of Political Economy.
 Marshall—Elements of Economics, Vol. I.
 C. S. Devas—Political Economy.

VI.—CHEMISTRY**Theory of Chemistry—inorganic and organic :—**

Books recommended—Roscoe and Schorlemmer's Treatise on Chemistry, non-metals and metals. Richter—Organic Chemistry (translated by Smith). L. Meyer—Outlines of Theoretical Chemistry (translated by Bedson and Williams). Hjelt—General Organic Chemistry (translated by Tingle).

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.

VII.—NATURAL HISTORY.**The Examination for the Senior Scholarship in Natural History will consist of three parts :—**

- I. Dissection of specimens of the invertebrate sub-kingdoms, such as the leech, earthworm, cockroach, crayfish, mussel, snail, and starfish; and of the vertebrate classes: 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.

VIII.—LAW.

For the necessary qualifications of candidates and the course prescribed for Examination see pages 48–49.

IX.—ANATOMY AND PHYSIOLOGY

For the conditions of candidature see page 62.

LECTURES,

DAYS AND HOURS OF LECTURES.

Subjects.		Terms.	Mon.	Tues.	Wed.	Thurs	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, . . . . .	-	.	.	.	.	.	.
	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	
*Practical Physics,	3 Mths.	.	.	.	.	.	.
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,	.	12	.	.	11	.
	Mathematics (pass),	1, 2, 3,	.	1	.	1	.	.
	Logic,	1, 2,	1	.	1	.	1	.
	Mathematics (honour),	1, 2, 3,	2	.	2	.	2	.
	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, 0,	12	.	12	.	12	.
	Chemistry,	0, 2, 0,	.	2	.	2	.	2
	Chemistry, Additional Lectures for Honours,	0, 0, 3,	12	.	12	.	12	.
	Chemistry, Laboratory (qual.),	3 Mths.	3	.	3	.	3	.
	*Chemistry, Laboratory (quan.),	3 Mths.	.	.	.	.	.	.
	Biology,	1, 2, 3,	.	3	.	3	.	3
Practical Biology (honour),	3 Mths.	.	.	.	.	.	.
Mineralogy and Geology,	1, 2,	10	.	10	.	10	.	

DAYS AND HOURS OF LECTURES—*continued.*

Subjects.		Terms.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
3rd Year.	Zoology or Botany, . . .	1, 2, 3,	.	3	.	3	.	3
	Chemistry (see 2nd year),	-	.	.	.	.	.	.
	English Language and 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, . . .	.	.	.	.	.	.	.
	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,	.	2	.	2	.	.
	Mathematical Physics, . . .	1, 2, 3,	.	10	.	10	.	10
	Experimental Physics (honour), . . .	1, 2, 3,	11	.	11	.	.	.
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.

FACULTY OF ARTS.

The course of study extends over three Sessions.

PRESCRIBED PASS COURSES.

For Students of the First Year.

- I. English Language and Literature.
- II. Any one of the following:—Greek, French, German, Italian.
- III. Latin.
- IV. Mathematics.
- V. Experimental Physics.

Students may substitute Honor 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. Natural History (including Physiology, Botany, and Zoology.)
- XI. Geology (including Mineralogy, and Physical Geography.)

Students may substitute Honour Courses for the Pass Courses in any of these subjects.

N.B.—Students may attend, at their option, either of the following groups of subjects:—

- A. (1.) Latin; (2.) English; (3.) Greek or French, or German, or Italian; (4.) Logic or Mathematics.
- B. (1.) Mathematics; (2.) Mathematical Physics; (3 and 4.) any two others of the above subjects.

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).

N.B.—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;

*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.

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.

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 1893-4, 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, *Herc. Fur.*; 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, *Oed. Rex*; Thucydides, Book 7; *History* from 431 to 387 B.C.; *Literature*, History of the Drama, The Historians; *Antiquities* (Gow, chaps. xii.-xv., xviii., xx., xxxi.):

In *Honour Class*, in addition to the above, Homer, *Od.*, 6, 7, 8, 9, 10; Sophocles, *Antigone* and *Oed. Col.*; Plato, *Phaedo*: *Literature*—(Abbot'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*—Aeschines, *In Ctesiphontem*; 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., *Knights* and *Frogs*; Theocr., 1, 2, 3, 6, 7, 9, 10; Pindar, *Olymp.* 1-7).

The Class meets at 11 A.M. on Mondays, Wednesdays, and Fridays.

Obs.—The hours of attendance may possibly require readjustment; 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 1893-4 :—Livy, Book xxxi. Horace—*Satires* and *Odes*, Books i. and ii. Roman History, A.V.C. to 201 B.C. Literature (Wilkins' Primer).

(b.) Additional lectures for *Honour* Students are delivered on Tuesdays and Thursdays at 11 A.M.

Books appointed for Session 1893-4. Virgil—*Georgics*, ii. and iv. Cicero—*The Second Philippic*. History—From 264 to 201 B.C. (*Mommsen*). Antiquities—Ramsay, chaps. ii.-vi. Literature (*Crutwell*, 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 1893-4, are :—

Cicero—*De Oratore*, ii.; Juvenal—*Satires*, 4, 5, 14; Horace—*Ars Poetica*; History and Literature of the period from B.C. 43 to 117 A.D. Antiquities.

(b.) Additional lectures for *Honour* Students are delivered on Tuesdays at 12 noon, and Fridays at 11 A.M., when the following will be studied :—Plautus—*Captivi*; Martial, Books i-iv. (*Stephenson's* Edition); Cicero—*Ad Atticum*, ii; Tacitus—*Annales*, xiii.-xiv. The special Honour course in history is Merrivale, *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 1893-4, will be :—Virgil—*Aeneid*, vi.-ix. Horace—*Odes*, i. and ii. Tacitus—*The History*; Lucretius, Books i. and ii.; Plautus—*Captivi* and *Menaechmi*; Cicero—*De Oratore*, and *Ad Atticum*, xiii.-xv. *Mommsen's History of Rome*, vol. i.; Merrivale's *History of the Romans*, chaps. 51-68.; Literature and Antiquities.

[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.,
 Examiner, R.U.I.

During the Session three regular Courses of Lectures are delivered on the days and at the hours specified in the Prospectus.

I. For Pass Students of the First Year.

Subjects of Lecture :—

Elements of Geometry—the Six Books of Euclid with deductions ; 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 :—

Cones of revolution and spheres ; elements of Solid Geometry, including the measure of prisms, and pyramids ; 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 text books used are those recommended by the Royal University of Ireland.

IV. NATURAL PHILOSOPHY.

Professor—ALEX. ANDERSON, M.A., Cantab.,
Examiner, R.U.I.

Demonstrator—J. HENRY, B.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; 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 Laboratory, at which the Senior Scholar in Natural Philosophy assists as Demonstrator, 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 Laboratory is supplied with electrical power from the Galway Electric Power Company's Station, and the Museum of Natural Philosophy in connection with the Laboratory, contains a very com-

plete 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*, Besant's *Elementary Hydrostatics*, *Mathematical Astronomy*, by Barlow and Bryan.

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—T. W. 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—T. W. 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, 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.

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) LECTURES IN THEORY OF CHEMISTRY.

(a) *General Course.*—This course consists of from seventy to eighty lectures extending over the First and Second Terms, and for Students of Medicine to the close of the

Medical Session. The lectures are given three days weekly during the first term, and five days weekly after Christmas. They embrace a consideration of the leading facts of Inorganic and Elementary Organic Chemistry, and include the subjects required for the Second University Examination in Arts, the First Examination in Medicine, and the Second Professional Examination in Engineering of the Royal University or 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. The leading metals and their more important compounds occupy about ten lectures. The remaining lectures are devoted to elementary Organic Chemistry, embracing the general methods of study of organic compounds, identification, qualitative and quantitative analysis, the constitution of molecules, isomerism, and including the reactions of the chief members of the fatty and aromatic groups. Attention is always directed to substances possessing technical importance.

(b) *Additional Course for Honours.*—During the third term, lectures are given three days weekly in advanced organic chemistry, adapted to the requirements of the Degree Examinations in Arts of the Royal University. A special feature of this course is a study of some selected research. The subject chosen in 1892-3, was the work of Emil Fischer and others on the synthesis of the sugars.

(2) LABORATORY EXPERIMENTS, 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) *Course in Qualitative Analysis*.—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 Second Examination in Arts, the Second Examination in Medicine, and the Second Professional Examination in Engineering of the Royal University, and of other corresponding examinations.

(b) *Courses in Quantitative Analysis*.—Courses in quantitative analysis are arranged to meet the requirements of individual students. They consist of about forty lectures of two hours each, commencing early in the first term and ending at the close of the second term.

(c) *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, etc.:—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 Theory of Chemistry, general course:—

Roscoe, *Elementary Chemistry*, or Remsen, *Inorganic and Organic Chemistry*, 2 vols., or Reynolds, *Experimental Chemistry*, 4 vols.

For Honour Course :—

Roscoe and Schorlemmer, *Treatise on Chemistry*, vol. I.; Richter, *Organic Chemistry* (trans. Smith); 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 Qualitative Analysis :—

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*.

(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*; 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 Tuesday's 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.

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.—Thomson'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 Science Naturelles, Kolliker's Zeitschrift für Wissenschaftliche Zoologie, Gegenbaur's Morphologisches Jahrbuch, Journal 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.—Prantl (translated by Vines), Behren's Botany (translated by Gedde-), Thome's Botany, Sach's Physiology of Plants, Goebel—outlines of Classification and Special Morphology of Plants (translated by Garnsey), Vines' Physiology.

WORKS OF REFERENCE.—Leunis' Synopsis, Endicher and Bentley's Works, Grenville's Scottish Flora.

JOURNALS.—Just's Botanischer Jahresbericht, Annales des Sciences Naturelles, Linnean Society's Journal, and Transactions.

3. PRACTICAL 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, Snail, Mussel, Crayfish or Lobster, Cockroach, Earthworm, Leech, Hydra; Microscopic preparations of the organs are examined fresh or preserved. The Plants are (a) flowering plant, Arabis or Wallflower, Tulip. (b) The Fern, Chara, Mucor, Yeast.

Sections of stems, leaves, roots, and flowers are made by the Students who are expected to make drawings.

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.

TEXT-BOOKS.—The Practical Biology of Marshall and Hurst. The Practical Biology of Huxley and Martin. Marshall's Frog. Bowen 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. 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, Porphyris and Volcanic Rocks, Lavas, Tuffs, and Ashbeds, on 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 Seeley—Geology. Prestwich—Geology. Kinahan—Geology of Ireland. Hull—Coalfields. Schimper—Traite de Palæontologie Végétale. Greene's Geology. Jukes 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, Rédu'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. 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.—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.

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*.—Twenty-four Lectures are delivered during the First and Second Terms on Jurisprudence.

Books recommended : Markby—*Elements of Law* (4th Edition).
Austin—*Jurisprudence*, Vol. i. (Campbell).

SECOND YEAR.—*Roman Law*.—Course of Twenty-four Lectures.

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*.
Institutes of Justinian (Sanders' Edition).

ARTS CLASSES.

Pass.—A course of Twenty-four Lectures during the First and Second Terms are delivered on (a.) POLITICAL ECONOMY.

Books recommended : Adam Smith—*Wealth of Nations*, Books i. and ii.
Walker—*Political Economy*
Toynbee—*Industrial Revolution*.

Honours.—Additional Lectures supplementing the Pass course.

Books recommended : J. S. Mill—*Political Economy*.
Sidgwick—*Political Economy*.
Ingram—*History of Political Economy*.

(b.) **JURISPRUDENCE.**—Honour Course of Twenty-four Lectures.

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 17.

Junior Scholarships.—One (value £20), tenable by a Student of the **FIRST YEAR**.

Law of Property, &c.—Williams—*Real Property*.
Goodeve—*Modern Law of Real Property*.

Jurisprudence.—Maine—*Ancient Law and Early History of Institutions*.
Austin—*Jurisprudence*, Vol. i. (Campbell's Edition).

One tenable by a Student of the **SECOND YEAR**.

Equity.—Smith's *Manual of Equity Jurisprudence*.
Law of Property, &c.—Williams—*Personal Property*
Smith—*Lectures on the Law of Contract*.

Jurisprudence and Civil Law.—Jurisprudence as for First Year's Scholarship.
Roman Law—The Institutes of Justinian (Sanders' Edition).

One tenable by a Student of the **THIRD YEAR**.

Law.—All the work of the two preceding Sessions.
Broom's Commentaries on the Common Law, Books ii., iii.
White and Tudor—*Leading Cases in Equity*, Vol. i.
Stephen—*On Pleading*.

Jurisprudence—*International and Constitutional Law*.

The Course as prescribed for the Second Year, together with :—

<i>International Law</i> , .	{	Hall— <i>International Law</i> (3rd Edition).
		Maine— <i>International Law</i> .
		Westlake— <i>Private International Law</i> .
<i>Constitutional Law</i> , .	{	Dicey— <i>Law of the Constitution</i> .
		Broom— <i>Constitutional Law</i> .

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.

All the business of the preceding Sessions, together with—

Smith's Leading Cases in Law.
 White and Tudor's Leading Cases in Equity, vol 2.
 Best on Evidence.
 Archibald's Consolidated Criminal Statutes.

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.

PRIVILEGES OF LAW STUDENTS.

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).

EXTRACT.—29 & 30 Victoria, cap. 84.

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 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.

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 Examinations 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 Physiology.
Practical Physics.	Materia Medica and Pharmacy.
Chemistry	Theory and Practice of Surgery.
Practical Chemistry.	Obstetrics and Gynaecology.
Botany with Herborizations for practical study, and Zoology.	Theory and Practice of Medi- cine.
Anatomy and Physiology.	Medical Jurisprudence.
Practical Anatomy.	Pathology.

The "prescribed Courses" are those prescribed to Scholars of the several years (1 ages 62-65).

* 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.	Thurs.	Friday.	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,‡ .	III.	.	.	.	.	.	.
Chemistry,	VI.	12	2*	12	2*	12	2
Chemistry (Laboratory Qual.)	III.	3	.	3	.	3	.
Physiology,	VI.	9	9	9	9	9	.
Anatomy,	VI.	1	1	1	1	1	.
Materia Medica, . . .	VI.	.	2	.	2	.	2
Anatomy,	VI.	1	1	1	1	1	.
Practical Physiology,) and Practical Histology,)	III.	10	.	.	10	10	.
Surgery,	VI.	11	.	11	.	11	.
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 of Natural History are admitted to work in the Practical Biology Rooms on payment of a fee of £1. The same rule applies to the class of Practical Physics.

‡ At hours and days to be arranged.

§ 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.K. & Q.C.P.I.

Gynaecologist :—

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 have 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.

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., and 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. 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 and 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 vegetative 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 established 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.—Analyses 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 largely added to 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.

 II. PRACTICE OF MEDICINE.

Professor—J. J. LYNHAM, M.D., M.CH., M.A.O., F.R.U.I.,
Physician to the Galway Hospital, &c.

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 infectious 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 sequelae, 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.

III. 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.

IV. MATERIA MEDICA.

Professor—N. W. COLAHAN, M.D., M.CH.,
Surgeon to the Galway Hospital.

Lectures are delivered at 2 P.M. on Tuesdays, Thursdays, and Saturdays during six months. The course comprises a study of the Drugs, organic and inorganic, of the British Pharmacopoeia, and a review of the more important Drugs that are not officinal.

V. MIDWIFERY.

Professor—R. J. KINKEAD, M.D., DUB., 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 disease during pregnancy), abortion, normal and abnormal labour, obstetric operations, puerperal diseases.

2. *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 Paediatrics.

TEXT-BOOKS.

- Playfair's or Leishman's Midwifery.
- Barnes' Obstetric Operations.
- MacNaughton Jones—Diseases of Women.
- Hart and Barbour's Diseases of Women.
- Goodall's Lessons on Gynæcology.
- Lawsen Tait's Diseases of Women and Abdominal Surgery.

LECTURESHIPS.

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 Examination; 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.

FEVER.

Lecturer—N. W. COLAHAN, M.P.

This Course of Lectures, including Clinical Instruction, will be delivered at days and hours to be arranged.

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 cultivations 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 4 and 17.

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.	French or German.
Chemistry.	Natural Philosophy, treated experimentally.
Natural History.	

* For conditions of tenure and Exhibitions, see page 11.

† See pages 18 and 20,

‡ Scholars of the First Year shall be exempt from attendance on Lectures in French, German, Physics, who shall produce certificates of having passed an 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 pages 39 and 40.

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, p. 22.

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 Chemistry (if not taken in the first year).

Practical Anatomy.

Materia Medica.

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.

* 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) 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.	Practical Chemistry.
Chemistry.	Practical Anatomy.
Botany.	Materia Medica.
Zoology.	

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 in Qualitative Analysis described, page 41.

No mark under 30 will 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.	Midwifery and Diseases of Women.
Practical Anatomy.	Theory and Practice of Medicine.
Theory and Practice of Surgery.	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 Gynaecology.
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 entire of the course gone over in the Materia Medica Lectures, 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 the Blood Vessels.

6. *Obstetrics and Gynaecology*, 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 the position, and will include, in addition to the usual Course in Human Anatomy and Physiology, 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.

Professor—EDWARD TOWNSEND, M.A., D.SC., Examiner, R.U.I.

Students in the School of Engineering can obtain, in the Royal University of Ireland, and in the London University, the Degree of Bachelor in 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.

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.

* Students shall be exempt from attendance on Lectures in French, German, 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.

DAYS AND HOURS OF LECTURES.

Subjects.		Terms.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	
1st Year.	French,	1, 2, 3,	.	10	.	10	.	10	
	Experimental Physics,	1, 2, 3,	.	12	.	12	.	12	
	*Practical Physics,	3 Mths.	.	.	.	.	.	.
	Chemistry,	1, 2, 0,	12	.	12	.	12	.	2
		0, 2, 0,	.	2	.	2	.	2	.
	Mathematics (pass), . .	1, 2, 3,	1	.	1	.	1	.	.
	Mathematics (honor), . .	1, 2, 3,	.	1	.	1	.	.	.
Geometrical Drawing, and Descriptive Archi- tecture.	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 Labor. (qual.)	3 Mths.	3	.	3	.	3	.	
	Mathematical Physics (pass).	1, 2, 3,	.	10	.	10	.	.	
	Mathematical Physics (honor).	.	.	.	9	.	.	9	
	Mathematics (honor), . .	1, 2, 3,	2	.	2	.	2	.	
Mathematics (pass), . .	1, 2, 3,	.	1	.	1	.	.		
3rd Year.	Civil and Mechanical Engineering.	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 Geography.	1, 2,	10	.	10	.	10	.	

* At hours and days to be arranged.

OUTLINE OF THE COURSE OF LECTURES ON CIVIL ENGINEERING.

FIRST YEAR—SUBJECTS 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 Machinist's Drawing Book, Rickman's Gothic Architecture, Ferguson's History of Architecture, Stuart and Revett's Antiquities of Athens, Oxford Glossary.

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, Fanning's Hydraulics, Box's Hydraulics, Carpenter's and Joiner's Assistant.

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 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, Fanning's Hydraulics, Vernon Harcourt on Harbours, Vernon Harcourt on Canals and Rivers, Stevenson on Harbours, Stevenson on Canals and Rivers, Clark on Roads, Parnell on Roads, Clark on Tramways, Zeüner's Valve Gear, Steam Engine by Holmes, Minutes of the Proceedings of the Institution of Civil Engineers of London, Fairbairn on Mills and Millwork, Bodmer's Hydraulic Motors, Fairbairn's application of Iron to Building purposes, 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.

SUBJECTS OF EXAMINATION.

MATRICULATION

Mathematics :—

Arithmetic :—

Including Vulgar and Decimal Fractions, the Rule of Three, Simple Interest, and the Extraction of the Square Root.

Algebra :—

Including Fractions, Proportion, and the Solution of Simple Equations.

Geometry :—

Euclid, Books I., II., III., IV., VI., with Definitions of Book V.

History, Geography, and the English Language.

History :—

Outlines of Ancient History.

Geography :—

Outlines of Ancient and Modern Geography.

English Language :—

English Grammar and Composition.

 SCHOLARSHIPS.

Two are tenable by Students of the First Year.

Two	”	”	Second	”
One	”	”	Third	”

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. 15.

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.

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 page 59.

* In Mathematics the course is that prescribed for the Science Scholarship of the Second Year in the Faculty of Arts, page 23.

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.

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 Honorable 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.

1. Royal University of Ireland.
2. University of London.
3. Royal Colleges of Physicians and Surgeons in Ireland, England, and Scotland.
4. Regulations prescribed by General Medical Council.
5. Regulations for admission to the Degree of Barrister-at-Law.
6. Inspectorships of National Schools.
7. County Surveyorships.
8. Army, Navy, and Indian Medical Services.
9. Home Civil Service, Class 1.
10. Civil Service of India.

1. ROYAL UNIVERSITY OF IRELAND.

General Regulations.

The following Degrees and Diplomas are conferred by the University:—

Arts, . . . B.A., M.A. Literature, . . D.Lit. Science, . . . D.Sc. Engineering, . B.E., M.E. Music, . . . B. Mus., D. Mus. Medicine, . . M.B., M.D.		Surgery, . . . B.Ch., M.Ch. Obstetrics, . . B.A.O., M.A.O. Law, . . . J.L.B., LL. D. In Sanitary Science, a Diploma. In Mental Science, a Diploma.
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All Degrees, Honours, Exhibitions, Prizes, Scholarships, and Studentships in this University shall be open to Students of either sex.

The examinations for Women are held apart from those for Men, but upon the same days.

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, or Arabic
- III. English Language.
- IV. Elementary Mathematics.
- V. Natural Philosophy (Optional).

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, or Arabic.
- III. English Language and Literature.
- IV. Mathematics.
- V. Natural Philosophy.

The Matriculation and First University Examinations are common to all Faculties.

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, or Arabic.

* There is a Centre in Queen's College, Galway.

James Hardiman Library, NUI Galway

- 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 will be permitted, at their option, to answer in either of the following groups of subjects :—

- A. (1) Latin ; (2) English ; (3) Greek, or French, or German, or Italian ; (4) Logic, or Mathematics.
- B. (1) Mathematics ; (2) Mathematical Physics ; (3 and 4) Any two others of the above subjects.
- C. (1) Latin or Mathematics ; (2), (3), (4) Any three others of the above subjects.

Candidates entering for Honours in any subject in either of the above groups may, if they choose, present as a fifth subject the Honour Course in any other of the eleven subjects mentioned above.

Candidates presenting a Modern Language as one of the obligatory four subjects, will be at liberty to present, as a fifth subject, the Honour Course in any other of the Languages mentioned under Head IV. above.

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, or 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, or 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;

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.

Any Candidate selecting Group No. III. will be at liberty to substitute for *Ethics* any one of the subjects included in Group No. IV.

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, or 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.

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.

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.

D.LIT. DEGREE.

Final Examination, three Academical years after B.A.

D.SC. DEGREE

Examination, three Academical years after Graduation 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 1, 1892, must have been registered by Medical Council for 57 months, and must be fully 21 years of age.

MEDICAL CURRICULUM.

First Year.

- (a) Natural Philosophy, either a 6 months' Course with 3 lectures weekly, or 3 months' Course with 5 lectures weekly.
- (b) Chemistry, 6 months.
- (c) Biology: Botany, 3 months; Zoology, 3 months.
- (d) Anatomy, 6 months.
- (e) Practical Anatomy, 6 months.
- (f) Practical Chemistry, 6 months (not taken simultaneously with Systematic Course).

Second Year.

- (a, b) Anatomy and Practical Anatomy (if not attended in First Year).
- (c) Practical Chemistry (if not taken in First year).
- (d) Physiology, 6 months.
- (e) Materia Medica, 3 months.
- (f) Practical Physiology and Histology, 3 months; either in Second or Third Year.
- (g) Hospital, 9 months.

Third Year.

- (a) Anatomy, 6 months.
- (b) Practical Anatomy, 6 months (if not attended in Second Year).
- (c) Physiology, 6 months.
- (d) Practical Physiology and Histology, 3 months (if not taken in Second Year).

(e) Any two of the following :--

- Medicine, 6 months.
- Surgery, 6 months.
- Midwifery, 6 months.

(f) *Materia Medica* (if not attended in 2nd Year).

(g) Practical Pharmacy, 3 months.

(h) Hospital, 9 months.

(i) Fever Hospital, 3 months.

(j) *Post-mortem* examinations.

(k) Clinical Clerk, 3 months; Clinical Dresser, 3 months

(Any of the last three may be taken at any time in the 3rd, 4th, or 5th Years).

Fourth Year.

(a) Such of the following courses as have not been attended in 3rd Year :--

1. Medicine.
2. Surgery.
3. Midwifery.

(b) Operative Surgery (24 meetings).

(c) Medical Jurisprudence, 3 months.

(d) Pathology, Systematic, 3 months; Practical, 3 months.

(e) Ophthalmology and Otology, 3 months.

(f) Hospital, 9 months.

(g, h, and i) Fever, *Post-mortem* examinations, and Dresserships (if not taken in 3rd Year).

(j) Sanitary Science, 3 months.

(k) Mental Diseases, 3 months.

(l) Practical Midwifery, 6 months.

(m) Eye and Ear Hospital, 3 months (may be taken during either the 4th or 5th Years).

Fifth Year.

Hospital, 6 months.

Candidates are advised to procure the University pamphlet, giving details of foregoing Curriculum, price 2d.

EXAMINATIONS IN MEDICINE.

SUBJECTS AND SCALE OF MARKS.

First Examination.

	Marks.
1. Natural Philosophy,	100
2. Chemistry (Systematic),	100
3. Botany,	75
4. Zoology.	75

m 6

<i>Second Examination.</i>		Marks
5	Anatomy,	100
6.	Physiology,	100
7.	Chemistry (Practical),	100

<i>Third Examination.</i>		
8	Anatomy,	100
9.	Physiology,	100
10.	Materia Medica, Pharmacology, and Therapeutics,	£0
11.	Clinical Medicine,	50
12.	Clinical Surgery,	50

Medical Degree Examinations, M.B., B.Ch., B.A.O.

13.	Medicine,	100
14.	Surgery,	100
15.	Midwifery,	100
16.	Medical Jurisprudence,	50
17.	Pathology,	50
18.	Public Health,	50
19.	Ophthalmology and Otology,	50

For the particulars of the foregoing subjects of examination, Students are advised to consult the University pamphlet on Medicine, price 2*d.*

M.D. Degree.

(Three Academical Years after Primary Degrees).

Subjects :—

Medicine.
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).

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 1st Professional Examination.
 The 2nd Professional Examination.
 The Degree Examination.

These are in addition to the Matriculation and First University Examination common to all Faculties.

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. Natural Philosophy.
3. Drawing and Descriptive Architecture.

SECOND PROFESSIONAL EXAMINATION.

One Academical Year after First Professional Examination.

Subjects :—

1. Mathematics.
2. Mathematical Physics.
3. Chemistry.
4. Geology and Physical Geography.
5. Practical Engineering.

B. E. DEGREE.

One Academical Year after Second Professional Examination.

Subjects :—

1. Mathematical Physics.
2. Civil Engineering.
3. Drawing.

DIPLOMA IN ENGINEERING.

A Diploma in Engineering will be granted to any Candidate who, without passing 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.

Two 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.
At 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	Total, 3	0	0
Upon admission to Degree,	2	0	0			
For the M.A. Degree Examination,	2	0	0	Total, 4	0	0
Upon admission to Degree,	2	0	0			
For the D.Lit. Degree Examination,	2	0	0	Total, 5	0	0
Upon admission to Degree,	3	0	0			
For the D.Sc. Degree Examination,	2	0	0	Total, 5	0	0
Upon admission to Degree,	3	0	0			
For the Studentship Examination,				2	0	0
" First Professional Examination in En- gineering,				1	0	0
" Second Professional Examination in Engineering,				1	0	0
" B.E. Degree Examination,	1	0	0	Total, 3	0	0
Upon admission to Degree,	2	0	0			
For the Diploma Examination,	1	0	0	Total, 3	0	0
Upon admission to the Diploma,	2	0	0			
For the M.E. Degree Examination,	2	0	0	Total, 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	Total, 3	0	0
Upon admission to Degree,	2	0	0			
For the D. Mus. Degree Examination,	2	0	0	Total, 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
" Medical Degrees Examination, M.B., B.Ch., B.A.O.,				2	0	0
" Qualifying Certificate,				10	0	0
" M.D. Degree Examination,	2	0	0	Total, 5	0	0
Upon admission to Degree,	3	0	0			
For the M.Ch. Degree Examination,	2	0	0	Total, 5	0	0
Upon admission to Degree,	3	0	0			
For the M.A.O. Degree Examination,	2	0	0	Total, 5	0	0
Upon admission to Degree,	3	0	0			
For the Diploma in San. Science Examination, " Examination for Hutchinson Stewart Mental Diseases Scholarship, and Diploma for Mental Diseases,	2	0	0	Total, 5	0	0
Upon admission to the Diploma,	3	0	0			
For the First Examination in Law,				1	0	0
" LL.B. Degree Examination,	1	0	0	Total, 4	0	0
Upon admission to Degree,	3	0	0			
For the LL.D. Degree Examination,	2	0	0	Total, 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,	10 1st class of £24 each, and 20 2nd class of £12 each.
At First University Examination,	10 1st class of £30 each, and 20 2nd class of £15 each.
At Second University Examination,	8 1st class of £36 each, and 10 2nd class of £18 each.
At B.A. Degree Examination,	7 1st class of £42 each, and 14 2nd class of £21 each.

2. *Dr. Henry Hutchinson Stewart Scholarship in Arts.*

Value £30 annually, tenable for 3 years, awarded in connexion 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*, 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 Competition*.—Two Gold Medals are offered annually for competition.

6. *Scholarships*.—Ten Scholarships are offered for competition in October, 1893, tenable for 3 years—5 First Class, at £40 per annum and 5 Second Class, at £20. Two

First Class, and Two Second for Classics ; 2 First Class, and 2 Second for Mathematics ; and 1 First Class, and 1 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, 1894, there will be offered for competition amongst 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 may be required to take part in the conduct of the University Examinations.

Final arrangements for the holding of these Examinations have not yet been made. Intending Candidates, however, may obtain information as to the subjects and Courses on application to the Secretaries after August 15th, 1893.

FACULTY OF LAW PRIZES.

One First Class Prize of £20, and one Second Class Prize of £10, at First Examination in Law.

One Prize of £42, and one Prize of £21, at LL.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 £12, and one Second Class of £21.

Candidates for the Degree of M.A. are admitted to the Examination after the lapse of an Academic year from the date of the B.A. Examination.

Candidates for the Degree of D.Lit. must have obtained the Degree of B.A. in the University, and will then be admitted to the two examinations for the Degree of D.Lit., at intervals of at least one Academic year from the date of the B.A. Examination and of the First Examination for the D.Lit. respectively.

Candidates will be admitted to the Intermediate B.Sc Examination after the expiration of one Academic year from the date of the Matriculation Examination, and to the B.Sc. Examination after the lapse of one further Academic year. In general, two years must elapse from date of the last examination before the Candidate can be admitted to the Examination for the Degree of D.Sc.

DEGREES IN THE FACULTY OF LAW.

Candidates for the Degree of LL.B must pass the Intermediate and the Degree Examination. No Candidates will be admitted to the Intermediate LL.B. within twelve 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 Academic years from the date of his LL.B. Examination.

DEGREES IN THE FACULTY OF MEDICINE.

Every Candidate for the Degree of M.B. is required to pass the following, in addition to the Matriculation Examination, viz. :—

- (i.) The Preliminary Scientific Examination.
- (ii.) The Intermediate M.B. Examination.
- (iii.) The Examination for the Degree of M.B.

No candidate shall be admitted to (i.) until he has passed the Matriculation Examination, and completed his seventeenth year.

No Candidate shall be admitted to (ii.) within one year from the date at which he passed (i.); he must further have completed his nineteenth year, and produce certificates of having attended certain lectures at a recognised Medical School, during two years subsequent to the date of his Matriculation.

No Candidate shall be admitted to (iii.) within two Academical years from the time of his passing (ii.); and unless he shall produce certain certificates, for which see Calendar of University of London.

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.

For further information see the Calendar of the University of London, which may be consulted in the College Library.

3. 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.
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*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 Secretary of Committee of Management, 47, Dawson-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. 4. Elementary Anatomy.

This Examination may be taken in four 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 Examination.

1. Medicine. 2. Surgery. 3. Midwifery and Diseases of Women.

This Examination may be taken in three parts. Fee £10 10s.

Fourth and Final Examination.

1. Clinical Medicine. 2. Clinical Surgery.

Fee £5 5s.

Synopsis indicating the range of subjects in the several examinations, and full information as to the course of study required, and certificates to be 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.

Second Examination.

Elementary Anatomy and Physiology.

Third Examination.

Advanced Anatomy, Pathology, Materia Medica, and Pharmacy.

Fourth Examination.

Medicine, Surgery, Midwifery and Gynæcology, Medical Jurisprudence, and Hygiene.

The total Fee is raised to Thirty Pounds.

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.

4. 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 *bona fide* study during not less than five years.

(b) In every course of professional study and examinations, the following subjects must be contained:—

- (i.) Physics, including the Elementary Mechanics of Solids and Fluids, and the rudiments of Heat, Light, and Electricity
- (ii.) Chemistry, including the principles of the Science, and the details which bear on the study of Medicine.
- (iii.) Elementary Biology.
- (v.) Anatomy.
- (v. to xv.) All the other subjects which are included in the Curriculum of the Royal University.

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.

5. DEGREE OF BARRISTER-AT-LAW.

Extract from Educational Regulations of the Honorable 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 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.

6. INSPECTORSHIPS OF NATIONAL SCHOOLS.

(A nomination by Education Commissioners is necessary).
Limits of Age, 23-34.

OBLIGATORY SUBJECTS.

	Marks.
1. ENGLISH:—	
Penmanship,	100
Orthography,	100
English Composition,	300
Grammar and Language,	300
Precis,	200
	— 1,000
2. SCHOOL ORGANIZATION:—	
Joyce's Handbook of School Management, with Chapter therein on Froebel's Kindergarten,	400
3. INTRODUCTION TO PRACTICAL FARMING,	300
4. HULLAH'S MANUAL OF VOCAL MUSIC, OR TONIC SOL- FA SYSTEM,	200
5. GEOGRAPHY:—	
Sullivan's "Geography Generalized,"	500
6. HISTORY:—	
English,	} 600
Greece (Smith's),	
Rome (Liddell's),	
7. ELEMENTARY MATHEMATICS:—	
Arithmetic,	500
Euclid, 1st, 2nd, 3rd, 4th, and 6th Books, and Mensuration,	400
Algebra, including Quadratic Equations,	400
Trigonometry, including solution of Plane Triangles only,	400
	— 1,700
8. MECHANICS.—	
With any two of the following subjects:—Chemistry, } Hydrostatics, Pneumatics, Optics, Heat, Electricity, } Botany,	} 600
9. LANGUAGES:—*	
(1) LATIN—Livy, Books I., II., and III.; Sallust; Virgil, } Books I., II., and III. of Æneid; Horace, The Odes } only, not to include their metrical construction,	} 500

* A Candidate *may* take any three of the four Languages in Section IX., but *must* take at least two of them.

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.

5. DEGREE OF BARRISTER-AT-LAW.

Extract from Educational Regulations of the Honorable 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 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.

6. INSPECTORSHIPS OF NATIONAL SCHOOLS.

(A nomination by Education Commissioners is necessary).
Limits of Age, 23-34.

OBLIGATORY SUBJECTS.

	Marks.
1. ENGLISH :—	
Penmanship,	100
Orthography,	100
English Composition,	300
Grammar and Language,	300
Precis,	200
	— 1,000
2. SCHOOL ORGANIZATION :—	
Joyce's Handbook of School Management, with Chapter therein on Froebel's Kindergarten,	400
3. INTRODUCTION TO PRACTICAL FARMING,	300
4. HULLAH'S MANUAL OF VOCAL MUSIC, OR TONIC SOL- FA SYSTEM,	200
5. GEOGRAPHY :—	
Sullivan's "Geography Generalized,"	500
6. HISTORY :—	
English,	} 600
Greece (Smith's),	
Rome (Liddell's),	
7. ELEMENTARY MATHEMATICS :—	
Arithmetic,	500
Euclid, 1st, 2nd, 3rd, 4th, and 6th Books, and Mensuration,	400
Algebra, including Quadratic Equations,	400
Trigonometry, including solution of Plane Triangles only,	400
	— 1,700
8. MECHANICS .—	
With any two of the following subjects :— Chemistry, } Hydrostatics, Pneumatics, Optics, Heat, Electricity, } Botany,	} 600
9. LANGUAGES :—*	
(1) LATIN—Livy, Books I., II., and III. ; Sallust ; Virgil, } Books I., II., and III. of Æneid ; Horace, The Odes } only, not to include their metrical construction,	} 500

* A Candidate *may* take any three of the four Languages in Section IX., but *must* take at least two of them.

	Marks.
(2) GREEK—Xenophon, Books I. and II. of Anabasis; Books I. and XXI. of the Iliad, and Book I. of Herodotus,	} 500
(3) FRENCH—Translation, Composition, Oral questions, .	500
(4) GERMAN—Translation, Composition, Oral questions, .	500

OPTIONAL SUBJECTS.

Not more than three of the following Languages may be taken :—

LANGUAGES :—	Marks
(1) LATIN : An Extended Course,	
(2) GREEK : Do.,	
(3) FRENCH : Do., including a special ledge of	
(4) GERMAN : Do..	do.
(5) ITALY	do.
(6) IRISH	do.

10. POLITICS

Adam S
and V.,
Books I.,
Book I. ; B
Chapters 1,

11. HIGHER MATHEMATICS

Spherical Trigonome
Integral Calculus,

12. ENGLISH LITERATURE :—

Literature to consist
Edmund Burke's W
Society, On the Sublim
on French Affairs. M
Pitt, Earl of Chatham
Addison. Shakespeare
chant of Venice. Milton :
Penseroso, Lycidas, and Book
Lost

13. LOGIC :

Jevons' Elementary Lessons on Logic, and
Easy Lessons on Reasoning,

7. 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. :—

	Maximum of Marks.
MATHEMATICS—including Differential and Inte	100
MECHANICAL PHII Hydrostatics	

Strength
of Strean
(A.) RAILWA
(B.) MARINE EN
and Reclamat
(C.) HYDRAULIC
Sewage, and Irrig
(D.) COUNTY WORKS-
age, and River Wor

* * Each of the groups lettered A.
Estimates, Specifications, and the mec
with it; and Candidates will be required t
engaged in the practice of their profession
sufficient time, or have had in some other way
of becoming acquainted with the practice of th
one of the branches thus indicated.

II. No Candidate will be eligible whose age on
day of the examination is less than 26 or more than
October, 1887.

	Marks.
(2) GREEK—Xenophon, Books I. and II. of Anabasis; } Books I. and XXI. of the Iliad, and Book I. of } Herodotus, }	500
(3) FRENCH—Translation, Composition, Oral questions, .	500
(4) GERMAN—Translation, Composition, Oral questions, .	500

OPTIONAL SUBJECTS.

Not more than three of the following Languages may be taken :—

LANGUAGES :—	Marks.
(1) LATIN : An Extended Course,	250
(2) GREEK : Do.,	250
(3) FRENCH : Do., including a speaking know- } ledge of the Language, }	250
(4) GERMAN : Do., do. do.,	250
(5) ITALIAN : Do., do. do.,	500
(6) IRISH : Do., do. do.,	500

10. POLITICAL ECONOMY :—

Adam Smith's Wealth of Nations, Books I., II., III., } and V., with either of the following :—J. S. Mill, } Books I., II., III., and V.; or Fawcett's Manual, } Book I.; Book II., Chapters 3, 4, 5; Book III., } Chapters 1, 2, 5, 6, and 8, }	300
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11. HIGHER MATHEMATICS :—

Spherical Trigonometry, Elements of Differential and } Integral Calculus, and Mechanics, }	600
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12. ENGLISH LITERATURE :—

Literature to consist of Bacon's Essays. Some of Edmund Burke's Works—Vindication of Natural Society, On the Sublime and Beautiful, and Thoughts on French Affairs. Macaulay : * Essay on William Pitt, Earl of Chatham, and Life and Writings of Addison. Shakespeare : * King Lear and the Merchant of Venice. Milton : * Sonnets, L'Allegro, Il Penseroso, Lycidas, and Books I. and II. of Paradise Lost.

13. LOGIC :

Jevons' Elementary Lessons on Logic, and Whately's } Easy Lessons on Reasoning, }	300
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7. 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 regar- } ded 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.	Maximum of Marks.
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, Drain- } age, and River Works, }	140
	1,000

* * 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 on adequate works for a sufficient time, or have had in some other way satisfactory opportunities of becoming acquainted with the practice of their profession in some one of the branches thus indicated.

II. No Candidate will be eligible whose age on the first day of the examination is less than 26 or more than 40.

October, 1887.

8. MEDICAL COMMISSIONS IN THE ARMY, NAVY, AND INDIAN SERVICES.

Limits of age—21–28 for Army and Navy ; 22–28 for India.

Candidates, who must be registered as qualified to practice 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,	1,000
(b.) Surgery,	1,000
(c.) Anatomy and Physiology,	1,000
(d.) Chemistry and Materia Medica, with a practical knowledge of drugs,	1,000

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*.

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 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.

9. HOME CIVIL SERVICE.

Clerkships (Class 1).—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.

2. At the Competitive Examination exercises will be set in the following subjects only, the maximum of marks for each subject being fixed as follows, viz:—

	Marks.
English Composition (including Précis-writing),	500
History of England (including that of the Laws and Constitution),	500
English Language and Literature,	500
Language, Literature, and History of Greece,	750
Language, Literature, and History of Rome,	750
Language, Literature, and History of France,	375
Language, Literature, and History of Germany,	375
Language, Literature, and History of Italy,	375
Mathematics (pure and mixed),	1,250
Natural Science—that is, (1) Chemistry (including Heat); (2) Electricity and Magnetism; (3) Geology and Mineralogy; (4) Zoology; (5) Botany,	1,000
. The total (1,000) marks to be obtained by adequate proficiency in any two or more of the five branches of science included under this head.	
Moral Sciences, that is, Logic, Mental and Moral Philosophy,	500
Jurisprudence,	375
Political Economy,	375

* The General Regulations apply to this Examination.

† Fixed by order in Council of 15th August, 1890.

Candidates will be at liberty to offer themselves for examination in any or all of these subjects. No subjects are obligatory. No candidate will be allowed any marks in respect of any subject of examination unless he shall be considered to possess a *competent knowledge* of that subject.

3. No candidate can be admitted to the competition who has not previously satisfied the Civil Service Commissioners that he possesses the requisite amount of proficiency in the following subjects :—

1. Handwriting.
2. Orthography.
3. Arithmetic (to Vulgar and Decimal Fractions).
4. English Composition.

With this view, preliminary examinations in these subjects will be held at such times and places as the Commissioners may appoint. Application for permission to attend one of these preliminary examinations must be made in the writing of the candidate, at such times and in such manner as may be fixed by the Commissioners.

4. A fee of £1 will be required from every candidate attending a preliminary examination, and a further fee of £5 from every candidate who may be admitted to the competition.

10. 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 April 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.

* Should the evidence upon the above points be *prima facie* satisfactory to the Civil Service Commissioners, the candidate, on payment of the prescribed fee of £5, will be admitted to the examination.

The open Competitive Examination will take place only in the following branches of knowledge :—

	Maximum Marks.
French Language and Literature,	500
German, ditto, ditto,	500
English, ditto, ditto (including special period named by the Commissioners),	500
Sanskrit Language and Literature,	500
Arabic, ditto, ditto,	500
English Composition,	500
Greek Language and Literature,	750
Latin, ditto, ditto,	750
Mathematics (pure and applied),	900
Advanced Mathematical subjects (pure and applied),	900
English History,	500
Greek History (Ancient, including Constitution),	400
Roman History (ditto, ditto),	400
General Modern History (period to be selected by candi- dates from list in the syllabus issued by the Commis- sioners, one period at least to include Indian History),	500
Political Economy and Economic History,	500
Logic and Mental Philosophy (Ancient and Modern),	400
Natural Science, <i>i.e.</i> , any number not exceeding <i>three</i> of the following subjects:—	
Elementary Chemistry and Elementary Physics,	} 600 each, 1,800
(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,	
Moral Philosophy (Ancient and Modern),	400
Roman Law,	500
English Law, <i>viz.</i> :—Law of Contract, Criminal Law, Law of Evidence, and Law of the Constitution,	500
Political Science (including Analytical Jurisprudence, the early History of Institutions, and Theory of Legislation),	500

Candidates are at liberty to name any or all of these branches of knowledge. A syllabus, defining in general terms the character of the examination in the various subjects, may be obtained on application to the Secretary, Civil Service Commission. 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 *viva 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.

FOREST SERVICE OF INDIA.

Limits of age 17-20.

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,	2,500
2. English Composition,	1,000
3. German (400 for colloquial),	2,000

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, Differential Calculus, Statics, and Dynamics,	2,000
5. French (400 for colloquial),	2,000
6. Latin,	2,000
7. Greek,	2,000

n

	Marks
8. English History. There will be set: One general paper; one paper limited to a fixed period, of which due notice will be given,	2,000
*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,	2,000
*10. Chemistry, viz., the elements of Inorganic Chemistry,	2,000
*11. Physics. Elementary properties of Electricity, Magnetism, Heat, Light, and Sound,	2,000
*12. Physical Geography and Geology, chiefly economic; including the recognition of the more familiar minerals and rocks, and their properties and uses,	2,000

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.

Selected Candidate will enter the Forest Service branch of the Royal Indian Engineering College, Cooper's Hill.

EASTERN CADETSHIPS.

Limits of age, 21-24.

The Cadets are required to devote themselves for a certain time to learning the native languages in Ceylon, Hong Kong, and the Straits Settlements.

* Examination partly practical.

Subjects of Examination.

A. *Obligatory.*—(a) Latin. (b) One of the following languages:—Greek, French, German, Italian. The qualifying test for a and b will be translation from the language; but marks will be given for translation into it, and in the case of the modern languages, for colloquial proficiency. (c) English Composition, including Précis Writing.

B. *Optional.*—(d) Pure Mathematics, viz. : Euclid I.-IV. and VI.; Algebra, including the Binomial Theorem; Trigonometry, including the solution of Triangles; Analytical Geometry (Elementary) and Mixed Mathematics, including Statics and Dynamics treated without the Differential Calculus. (e) (1) Modern Geography (and 2) Ancient and Modern History. The examination in History will be confined to certain periods to be prescribed for each examination. (f) The elements of Constitutional and International Law and Political Economy. (g) Geology, Civil Engineering, and Surveying. (h) Any two languages included under the head (b) which have not been taken up as obligatory.

Every candidate must show a competent knowledge of the obligatory subjects, and may select any two of the optional subjects.

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,

1893-1894.

EXAMINATION PAPERS, 1893-94.

MATRICULATION.

GREEK—PROFESSOR D'ARCY W. THOMPSON, M.A.

1. Decline the following nouns in the singular number only :—

μοῦσα ; λύρα ; πούς ; πόλις ; τεῖχος ; βασιλεύς.

2. Compare the following adjectives :—

μέγας ; ἀγαθός ; σώφρων ; λαλός.

3. Give the first person singular of the aorist active for the following verbs :—

κλέπτειν ; πάσχειν ; ἀποκτείνειν ; ἀποθνήσκειν ; φαίνειν ;
κρύπτειν ; καλύπτειν ; τιθέναι ; δίδόναι.

4. Compare the adverbs corresponding to the following adjectives :—

καλός ; σοφός ; ἀληθής ; ἀγαθός.

5. From what Greek word or words are the following English words derived :—

economy, phenomenon, epithet, pathology, geography, philosopher, misogynist, periphrastic, parabola.

6. What is peculiar in the declension of compound adjectives ?

7. Translate into Greek the following sentences :—

(a.) If I have anything, I shall give it you.

(b.) If I should have anything, I should give it you.

(c.) If I had had anything, I should have given it you.

8. Translate the following passages :—

(a.) μάλλον δὲ στίχες ἄρθεν, ἐπεὶ βασιλῆος ἄκουσαν.

νεούτων ὡς πυκνοὶ ἐφέστασαν ἀλλήλοισιν.

Iliad, XVI., 211-217.

(b.) Ἄπιστός γ' εἶ, ὦ Μίλητε,
καὶ τοὶ τοῦτό ἴσσι παίζοντες.

PLATO—*Apology*, E., 26, 27.

9. (a.) Enumerate the allies of each of the two main antagonists in the Peloponnesian War, and date the commencement and the close of the War.

(b.) What state or city had an institution corresponding to the practice of ostracism in Athens? Give particulars.

(c.) Give brief biographies, with dates, of Themistocles; Pausanias; Alcibiades; Demosthenes, the orator.

LATIN—Professor SANDFORD, M.A.

1. Translate :—

(a) Caesari omnia uno tempore erant agenda : vexillum proponendum, quod erat insigne, cum ad arma concurreretur : signum tuba dandum : ab opere revocandi milites : qui paulo longius aggeris petendi causa processerant, arcessendi : acies instruenda, milites cohortandi, signum dandum : quarum rerum magnam partem temporis brevitatis, et successus et incursus hostium impediabat.—CAESAR, *B. G.*, ii., 20.

(b) Tum loca sorte legunt, ipsique in puppibus auro
Ductores longe effulgent ostroque decori ;
Cetera populea velatur fronde iuventus
Nudatosque umeros oleo perfusa nitescit.
Considunt transtris, intentaque brachia remis
Intenti expectant signum, exultantiaque haurit
Corda pavor pulsans laudumque arrepta cupido

VERGIL, *Aen.*, v., 132–138.

2. Parse fully, in (a), *concurreretur oporteret, aggeris, arcessendi* ; and in (b), *decori, perfusa, haurit, cupido*.

3 Translate into Latin :—

(a) As Mallius, the proconsul, had been defeated with the loss of his baggage, Crassus perceived he would have to exercise considerable care.

(b) The Aquetani obtained their request, and were ordered to give up their arms.

(c) Ambassadors were sent to demand hostages, while the soldiers collected sods for a mound.

4. Conjugate the verbs :—*finigo, volo, iuvo, possum, iacio, aperio.*

5. Construct a sentence to illustrate the use of *poenitet*, and of *interest*.

6. Give the meaning, gender, and gen. sing. of :—*grex, ager, porticus, dives, quisque.*

7. Give a very brief outline, with dates of the events narrated in Caesar, *B. G.* II. and III.

8. What was the extent and condition of the Roman Empire in 202 B.C. and 102 B.C. respectively? Name the chief men of letters, statesmen, and generals who were alive between these two dates.

9. What were the results of the following battles :—The Allia, Beneventum, Pydna, Pharsalia, Philippi?

ENGLISH—THE PRESIDENT.

A. As an exercise in Composition, write a brief sketch of the life of Goldsmith.

1. Correct the faults (if any) in the following sentences; adding your reasons :—

(a.) "The very head and front of my offending
Hath this extent, no more."

- (b.) "I had much rather be the slave myself,
And wear the bonds, than fasten them on
him."
- (c.) "Thus oft by mariners are shown
Earl Godwin's castles overthrown."
- (d.) "Whom did he say sent me that message?"
- (e.) "The following facts may, or have been, adduced
on the other side."
-

2. Quote the four concluding lines of *The Deserted Village*.

By whom are they said to have been written?

3. Where are *Auburn*, *Altama*, *Torno*, and *Pambamarca*?

4. When, and under what circumstances, was the poem of *Retaliation* written?

5. How is Edmund Burke characterized in the poem?

6. Are you able to say how much of Burke's political career had preceded, and how much was subsequent to, the date of the poem?

7. Where are *Marathon*, *Salamis*, *Zama*, and *Actium*?

For what events are these places famous?

8. Where are—

The Rivers *Arno*, *Douro*, *Tamar*, *Potomac* :—

The Lakes *Erie*, *Como*, *Erne*, *Ladoga*, *Derwentwater* :—

The Straits of *Bonifacio*, *Bass*, *Babelmandeb*,
Yenikale :—

The Islands *Heligoland*, *Mauritius*, *St. Helena*,
Cuba, and *Juan Fernandez*?

MATHEMATICS—GEORGE J. ALLMAN, LL.D.

[Candidates are required to answer Questions in each of the Sections A and B.]

SECTION A.—ARITHMETIC AND ALGEBRA.

1. Find the cost of 12 cwt. 3 qrs. 6 lbs. if 39 cwt. 2 qrs. 14 lbs. cost £42 5s. 4d.

2. After paying income tax at 7*d.* in the pound, a person's income is £850 9s.; what was his gross income?

3. Add $\frac{2}{3}$ of a ton, $\frac{5}{16}$ of a cwt., and $2\frac{3}{8}$ of a lb.; and find the value of

$\cdot 516$ of a mile + $4\cdot 325$ of a furlong - $624\cdot 8$ of a yard.

4. Reduce $\frac{11}{31\frac{1}{2}\frac{5}{8}}$ to a decimal, and $2\cdot 510\dot{9}$ to its equivalent fraction.

5. Prove that the cube of the sum of two quantities is equal to the sum of their cubes, together with three times their product into their sum.

Divide $x^5 + y^5$ by $x + y$.

6. Solve the equations:—

$$(x + \frac{5}{2})(x - \frac{3}{2}) - (x + 5)(x - 3) + \frac{3}{4} = 0;$$

$$\frac{a+b}{x-c} = \frac{a}{x-a} + \frac{b}{x-b}.$$

SECTION B.—GEOMETRY.

7. Prove that parallelograms on the same base and between the same parallels are equal to one another.

8. If the square, on one side of a triangle, be equal to the sum of the squares on the other two sides, prove that the angle contained by these sides is a right angle.

9. Construct a square which shall be equal to a given rectilinear figure.

10. On a given straight line describe a segment of a circle which shall contain an angle equal to a given angle.

In place of Questions 7 and 10, Candidates in the Department of Engineering are required to substitute the following Questions :—

*7. Describe an isosceles triangle having each of the angles at the base double of the vertical angle.

*10. If the sides of two triangles, about each of their angles, be proportionals, prove that the triangles are equiangular, and that the equal angles are opposite to the homologous sides.

EXPERIMENTAL PHYSICS.—Professor A. ANDERSON, M.A.

1. Enunciate the proposition known as the “parallelogram of forces.”

A weight of 14 lbs. is supported by two strings, each inclined at an angle of 60° to the vertical; find the tensions of the strings.

2. How is the centre of gravity of a body experimentally determined? Find the position of the centre of gravity of a triangular plate.

3. What is the principle of work as applied to a frictionless machine? Draw an arrangement of pulleys which would have a mechanical advantage of 2.

4. State the laws of falling bodies. With what velocity must a stone be projected vertically upwards that it may rise to a height of 4 feet?

5. State Boyle's law, and describe a method of verifying it for pressures both higher and lower than atmospheric.

6. Explain the principle of the hydrometer.

LITERARY SCHOLARSHIP.—FIRST YEAR.

GREEK—Professor D'ARCY W. THOMPSON, M.A.

Translate the following passages, and append explanatory or critical notes to such words or expressions as appear peculiarly noteworthy :—

(a.) ὡς δ' Εὐρός τε Νότος τ' ἰριδαινέτον ἀλλήλοιον

κεῖτο μέγας μεγαλωστί, λελασμένος ἵπποσυνάων.

Iliad, XVI., 765–776.

(b.) φεῦ φεῦ· τί προσδέρκεσθέ μ' ὄμμασιν, τέκνα ;

αὐτῷ μελήσει· χεῖρα δ' οὐ διαφθερῶ.

EURIPIDES—*Medea*, 1040–1055.(c.) ἐπειδὴ δὲ ἐγένου καὶ ἐξετράφης
ὁ τῷ ἀληθεία τῆς ἀρετῆς ἐπιμελούμενος.PLATO—*Crito*, XII., 50, 51.(d.) ἡ μὲν δὴ Ἀθήνησι στάσις οὕτως ἐτελεύτησεν. . . .
Θεμιστογένει τῷ Συρακοσίῳ γέγραπται.XENOPHON—*Hellenics*, III., iGREEK—*Second Paper*.

1. Give first person singular of present tense, indicative, active, of verbs suggested by the following nouns :—

ζημία ; αἰτία ; εὐτυχής ; βουλή ; ἐλπίς ; δίκη ; αἰσχύνη.

2. What is the designation of such verbs as are referred to in the preceding number ?

3. What is the meaning of a Copulative Verb ? Give an instance,—and, if you can,—instances of such a verb as found common Greek usage.

4. Explain the following terms, and give an instance of your own making for each :—

zeugma ; pleonasm ; anacoluthon.

5. Give one instance apiece for the Middle Voice in a Greek verb being used as (a) a Direct Middle, (b) an Indirect Middle, and (c) as a Subjective Middle.

6. In what respects does the use of the Genitive Absolute in Greek differ at times from the use of the Ablative Absolute in Latin ?

7. What use of an Absolute Case is peculiar to Greek ?

8. Give six instances of verbs that have meanings in the Middle or Passive Voices that differ greatly or altogether from their meanings in the Active Voice.

2. (a) When, and under what circumstances, was Sardis burnt by the Athenians ?

(b) What battle was fought on the same day as that of Salamis ? and who were the commanders on the two sides ?

(c) At what date was the power of Athens at its highest ? At twelve years before this date, on what expedition were the forces of Athens engaged ? Give particulars.

(d) What events are suggested by the following dates, B.C. :—

404 ; 401 ; 371 ; 362 ; 338 ; 334 ; 331 ?

3. Render into Greek the following :—

The ruler of this city engaged to conduct them to within sight of the Euxine ; and they proceeded for five days under his guidance, when, after the vanguard had ascended a mountain, the sea suddenly burst upon their view. The men proclaimed their joy by loud shouts of "The Sea ! the Sea !" The rest of the army rushed to the summit, and all gave vent to their joy and exultation in tears and mutual embraces. After a few days' march they reached a Grecian city situated on the coast. The inhabitants of this city received them hospitably, and settled them in neighbouring villages, where the troops after their hardships refreshed themselves by a repose of thirty days.

LATIN.—*First Paper.*

Professor SANDFORD, M.A.

1. Translate, with very brief notes :—

(a) Caesar primo,
 reliquas sex legiones pro castris in acie constituit.—
 CAESAR, *B.G.*, ii., 8.

(b) Prima luce, productis omnibus copiis,
 ad hostium castra contendit.—*Ibid.*, iii., 24.

(c) Neque enim est hoc dissimulandum,
 a poetarum salute abhorrere.—CICERO, *Pro Archia*, xi.,
 26-27.

(d) An C. Falcidius, Q. Metellus,
 alter delatum susceptumque confecit.—*Id.*, *Pro Lege*
Manilia, xix., 58.

(e) Postquam acceperere ea homines,
 conventum dimisit.—SALLUST, *Cat.*, xxi.

2. (a) What is the difference between *concilium* and *consilium*, between *quis sim* (*scies*) and *qui sim*, between *tacere* and *silere*, and between *sarcinae* and *impedimenta*?

(b) Describe briefly the battle against the Nervii or the battle in which Catiline was slain.

(c) Cicero enumerates six wars in which Pompey had been engaged. Name these, with their dates.

(d) Comment on : *deferre in aerarium* ; *vilitas annonae consecuta est unius hominis spe et nomine*.

(e) Give a sketch of the argument of Cicero's speech *pro Archia* ; or, of Caesar's speech as recorded by Sallust.

(f) When did Sallust live ? Mention any historical inaccuracy in the *Catiline*.

3. Translate into Latin :—In the blackest hour the Commonwealth had ever known, the courage of the General did not desert him. He seemed the only man on the field not frightened : and menacing, conjuring, and persuading the fugitives not to disgrace themselves, he succeeded in rallying a portion of those nearest him. It was the very crisis of the battle which up to that instant seemed wholly lost by the Republic. Some 150 pikemen now rallied

from their sullen retreat and drove the enemy off one hillock. Foiled in their attempt to intercept the backward movement of the States' army, the Spaniards hesitated. At that instant Maurice ordered a last charge by his few cavalry squadrons, while the enemy was faltering. The charge decided the battle. The whole line of the enemy broke, and the fugitives in their turn became pursuers.—MOTLEY.

LATIN—*Second Paper.*

PROFESSOR SANDFORD, M.A.

1. Translate, with brief notes :—

(a) *Accelerat simul Aeneas, simul agmina Teucrum.*

Si mereor, demitte, tuaque hic obrue dextra.

VERGIL—*Aen.* v., 675–692.

(b) *Hic vir, hic est, tibi quem promitti saepius audis,*

Aut metus Ausonia prohibet consistere terra?

Ib., vi., 791–807.

2. Parse the following words, conjugating the verbs :—*pepigit, revertit, pulveris, moenibus, viceris, ancipitis, passi, anseris, quaesieris, sevit, ulceres.*

3. (a) What part of a deponent verb has always a passive meaning?

(b) What is meant by the 'sequence of tenses'?

(c) Construct a sentence to illustrate the 'three concords.'

4. Give the Latin for—(a) Whoever you are, speak; (b) tell me who you are; (c) each is envied by the other; (d) there were four of us present; (e) I fear he will not live long; (f) he is persuaded that this will happen.

5. (a) Give an account of the reforms of Caius Gracchus, or, of the Constitution of Sulla.

(b) 'The Plautio-Papirian law was an extension of the Julian.' Explain.

(c) What took place in Rome while Sulla was absent on the first Mithridatic war?

(d) Describe the battles of the Colline Gate, of Aquae Sextiae, and of Chaeronea.

(e) How are Sertorius, Spartacus, Athenio, and Bocchus introduced into Roman history?

(f) How did Saturninus meet his death?

(g) 'The year 133 B.C. is memorable in Roman history.' Why?

(h) Give some account of the seven consulships of Marius.

(i) What was the *political* importance of the Jugurthan War?

ENGLISH—THE PRESIDENT.

A. As an exercise in Composition write a brief sketch of the contents of *The Deserted Village*.

1. Quote as much as you remember of John of Gaunt's speech in *Richard II*.

2. Explain the following passages; especially the italicized words, assigning them to the several speakers:—

(a.) "Since we cannot *atone* you, you shall see Justice *design* the victor's *chivalry*."

(b.) "*Imp* out our drooping country's broken wing,"—

(c.) "I am denied to *sue my livery here*,
And yet my *letters-patent* give me leave."

(d.) "A *caitiff recreant* to my cousin Hereford."

(e.) "Since last I went to France to fetch his *Queen*"—

3. Where are the Crusades referred to ?
And where the Divine Right of Kings ?

4. Explain the following words :—
baffled, fantastic, beadsmen, pelting, perspectives.

5. What, according to Macaulay, was the chief merit of *The Campaign* ?

How does he account for the popularity which the well known simile of the Angel long enjoyed ?

6. "The plan of the *Spectator*," says Macaulay, "must be allowed to be both original and eminently happy" :—

How does he illustrate this remark ?

7. Mention some Essays that best illustrate the genius of Addison.

What are considered the least valuable of his contributions ?

8. How does Macaulay discriminate "the three most eminent masters of ridicule of the eighteenth century" ?

9. What historical incident induced *Sir Roger* to visit the metropolis ?

Who was Scanderbeg ?

10. How does *Mr. Biscuit* relate the story of *Sir Roger's* last days and death ?

11. "Many tributes were paid to the memory of Addison : but one alone is now remembered." :—Give an account of the poem and its author.

12. Enumerate the principal works of Swift ; mentioning the subject of each.

13. "Swift," says Dr. Johnson, "said truly of himself, that Ireland was his debtor" :—How does Johnson justify the claim ?

14. It has been said that "the origin of perhaps the sublimest simile that English poetry can boast is to be found in Claudian" :—

"ut altus Olympi
Vertex, qui spatio ventos hiemesque relinquit,—
Sub pedibus nimbos et rauca tonitrua calcat :
Sic patiens animus :"—

Quote from *The Deserted Village* the simile referred to.

15. Write notes on the following lines :—

(a.) "And half a tillage stints thy smiling plain" ;—

(b.) "Lands he could measure, terms and tides pre-
sage ;
And even the story ran—that he could gauge" ;—

(c.) "The twelve good rules, the royal game of
goose" ;—

16. Whom does Goldsmith (in *Retaliation*) describe as "the Terence of England," and whom as the "Scourge of Impostors," and why ?

What was the last line written by Goldsmith ?

17. Name the boundaries of the five Zones ; and give the breadth in degrees of each Zone.

18. In what counties are the following places, and for what are they severally remarkable ?—Windsor, Stratford-on-Avon, Grantham, Lichfield, Cashel, Rugby, Aughrim, Abbotsford, Eton.

19. How would you *sail* from London to Paris ?

FRENCH—Professor V. STEINBERGER, M.A.

Translate into French :—

1. The proprietor of a plantation in North America was one day at his door, when an Indian advanced towards him and asked him for something to eat, because he was very hungry.

2. The planter told him that he had nothing to give him.

3. "But I am also very thirsty," added the Indian, "give me at least a glass of water."

4. Begone! was the only reply that he received.

5. The latter looked into the planter's face and continued his way.

6. It happened that some time after, this inhuman planter whilst hunting in a forest, lost his way.

7. After having wandered about for some time and being exhausted with fatigue, he saw the hut of an Indian towards which he directed his steps.

GRAMMAR.

1. (a.) When is the definite article used in French before geographical names?

(b.) When is it omitted?

Illustrate your answers by examples.

2. (a.) Put in the plural "*le ciel est bleu.*"

(b.) Give, and account for, the gender of *sacrifices, hospitalité, pommes, avoine, beurre, printemps, études, différence, ciel, fleur, feuille.*

3. Translate into English :—

(a.) *En l'an huit cent, Charlemagne reçut des mains du pape Léon III la couronne impériale.*

(b.) La torture fut, dit-on, abolie dans les cours de justice de France, en *mil sept cent quatre-vingt*, et cependant M^{me} de Staël affirme qu'elle existait encore en dix-sept cent quatre-*vingt* neuf.

(c.) L'an cinq *mille* huit cent de la création.

Comment on the way the italicized words are written.

4. Give the 1st pers. (*sing.* and *plur.*) of the Indicative present (*conjugated interrogatively*) of *étaient*, *ressentit*, *aimait*, *parut*, *avait*, *répondit*, *entendu*, *vaincu*; and conjugate *negatively* the Imperative of *placé*, *tinrent*, *dit*, *fit*, *plonge*, *mit*, *rire*, *boiras*.

5. Conjugate (a) the Indicative pluperfect of *s'emparer*, *s'élancer*; and (b) the Conditional past of *se regarder*, *se mettre*.

6. Give the participles (*present* and *past*) of *naquit*, *tinrent*, *va*, *viendrais*, *parut*, *répondit*, *abat*, *puisse*, *comprendait*, *mit*, *voir*, *rire*, *connaît*, *devoir*, *boiras*, *plaît*.

Translate into English :—

ACHILLE.

1. Non, non, tous ses détours sont trop ingénieux :
Vous lisez de trop loin dans les secrets des dieux.

Et, laissant faire au sort, courons où la valeur
Nous promet un destin aussi grand que le leur.

RACINE—*Iphigénie*.

2. Après une semaine d'inutile attente, Jeanne fit donner
l'assaut aux remparts.

Elle retrouva la voix et les gestes pour encourager les
siens à l'assaut.—LAMARTINE, *Jeanne d'Arc*.

UNPRESCRIBED PASSAGE.

Le Printemps.

Tu reparais, ô beau printemps
O roi de la nature !
Et déjà les bois et les champs
Se couvrent de verdure.

Etincelant de mille feux,
 Ton char d'or et de roses
 A franchi les portes des cieux
 Que l'hiver tenait closes.

Les oiseaux reviennent, joyeux,
 Dans le bois solitaire ;
 Le papillon capricieux
 Vole sur la bruyère.

Le ciel est bleu ; l'air parfumé
 Comme la fleur nouvelle ;
 Tout rit, tout paraît animé
 Sous la voûte éternelle.

ROSE HAREL.

GERMAN—Professor V. STEINBERGER, M.A.

Translate into German :—

1. Not even thou who hast forgiven all his former offences canst pardon this his last act.

2. He was quite worthy of receiving such a reward for having saved his brother's life.

3. I cannot be persuaded that you were right in abandoning the study of the law without consulting your father.

4. I am ashamed of my former laziness.

5. Would that I had been with you at that time of danger.

6. I am persuaded that he will not be able to finish this business before the first of May.

7. It cannot be denied that he has erred in entrusting to that slave so important an affair.

8. If I had known that you had resolved to go to Athens, I should have asked my brother to accompany you.

9. He told me why his brother had done this.

10. When Cæsar arrived in Gaul, he found the country in a great commotion and in fear, lest the Germans should cross the Rhine and make themselves masters of the country.

GRAMMAR.

1. Decline in both numbers—*der hohe Baum, dasselbe Gebirg, die junge Fürstin*; and in the singular—*ein schönes Lied*.

2. Write down the degrees of comparison of—*alt, kurz, froh, rund, flach, hoch, langsam, bekannt*.

3. Translate into German:—the twenty-fourth; the ninety-seventh; threefold; twice; five times six; $4\frac{1}{2}$; $8\frac{3}{4}$; two feet three inches.

4. Write down the first person singular of the imperfect indicative active, and the past participle, of —*gehen, geben, lassen, fassen, singen, bringen, sehen, rächen*.

5. Conjugate, in the imperfect, indicative and subjunctive, the auxiliary verbs—*dürfen, sollen, müssen, können*.

6. Give the first person singular of all the tenses of the passive voice of the verb—*rufen*.

7. Indicate the cases governed by the prepositions—*ohne, zu, für, wegen, seit, nach, vor, während, auöserhalb, trotz, anstatt, in*.

8. Translate:—He came to me. They went to Rome. We have been to Paris. Will you write to me?

Translation at sight—

Heinrich der Seefahrer war der dritte Sohn des Königs Johann von Portugal. Er wollte den Seeweg nach Indien finden und kam zunächst an die kleine Insel Porto Santo. Von hier aus sah man bei hellem Wetter einen fernen Nebelberg am Horizonte. Heinrich steuerte auf denselben los und entdeckte so die Insel Madeira in Jahre 1420. Ein dichter Wald, der dem Anschiene nach von Menschen nie betreten war, bedeckte die Insel. Der Walde wurde angezündet und das Feuer soll sieben

Jahre lang gebrannt haben. Heinrich legte hier eine Kolonie an, schickte Samen und Hausthiere dahin, liess Wein aus Cypern und Zuckerrohr aus Sicilien dorthin verpflanzen, und Alles gedieh auf dem fruchtbaren Boden und unter dem schönen Himmel ganz vortrefflich. Noch jetzt ist der Zucker aus dieser Insel von vorzüglicher Feinheit, obwohl er wenig gebaut wird, und der Madeirawein wird in Europa sehr geschätzt

SCIENCE SCHOLARSHIP.—FIRST YEAR.

ALGEBRA AND ARITHMETIC—GEORGE J. ALLMAN, LL.D.

1. State and prove the rules for the conversion of circulating decimals into their equivalent vulgar fractions Reduce to vulgar fractions in their lowest terms :—

$$\cdot\dot{1}3580246\dot{9} ; 31549\dot{5}.$$

In what sense is a vulgar fraction said to be the value of a recurring decimal ?

2. Calculate the value of $\sqrt{5}$ to ten places of decimals from the formula

$$\frac{3 - \sqrt{5}}{2} = \frac{1}{3} + \frac{1}{3 \cdot 7} + \frac{1}{3 \cdot 7 \cdot 47} + \frac{1}{3 \cdot 7 \cdot 47 \cdot 2207} + \dots$$

each of the factors in the denominator being equal to the square of the preceding factor diminished by 2.

3. The moon revolves in her orbit round the earth in 27 days 7 hours 43 minutes 11 seconds ; through how many degrees of her orbit does she move in 7 days, the entire orbit consisting of 360 degrees ?

4. Three persons start to walk round a circular course 280 yards in circumference, their rates of walking are 4, 5, and 6 miles, respectively, per hour ; after what time will they all be together at the starting point, and how many rounds will each have then made ?

5. A and B join capital sums in the ratio of 9 : 13 ; at the end of 5 months A withdraws one third of his capital and B a quarter of his, and after two years more they divide a profit of £1674 9s. ; what is the share of each ?

6. Prove that the expression $a^3 + b^3 + c^3 - 3abc$ is unaltered if we substitute for a, b, c the quantities $u - a, u - b, u - c$, respectively, where $3u = 2(a + b + c)$.

If

$$\frac{P}{pa^2 + 2qab + rb^2} = \frac{Q}{pac + q(bc - a^2) - rab} = \frac{R}{pc^2 - 2qca + ra^2},$$

prove that

$$\frac{p}{Pa^2 + 2Qab + Rb^2} = \frac{q}{Pac + Q(bc - a^2) - Rab} = \frac{r}{Pc^2 - 2Qca + Ra^2}.$$

7. Solve the simultaneous equations:—

$$(1) \quad x^4 + y^4 = 706; \quad x - y = 2.$$

$$(2) \quad (x + y + 1)^2 = x^2 + y^2 = (x - y + 2)^2.$$

8. When a certain number is divided into two parts in the ratio $x : y$, the former part is 120; when it is divided into two parts in the ratio $x : z$, the former part is 140; and when divided into two parts in the ratio of $y : z$, the former part is 126. Find the numbers.

9. The sum of three numbers in G. P. is 14, and the sum of their squares is 84; find the numbers.

The product of the extremes of three numbers in A. P. is 5 times the mean, and 8 times the least is the sum of the two others. Find the numbers.

10. A starts on a bicycle from P to Q, and B starts at the same time from Q to P, and they travel uniformly: A reaches Q 4 hours, and B reaches P 1 hour, after they have met on the road. How long did B take to perform the journey?

EUCLID AND TRIGONOMETRY—GEORGE J. ALLMAN, LL.D.

1. Prove that the area of a quadrilateral is equal to that of a triangle having two sides and their included angle, respectively, equal to the diagonals of the quadrilateral and their included angle.

2. Through the centre C of a circle another circle is described intersecting the former circle in the points A and B ; through either point of intersection A a straight

line AMN is drawn cutting the circle ACB in M and the other circle in N , and the points M and B are joined. Show that the lines MN and MB are equal.

3. Being given a semicircle on the diameter AB , find the locus of a point P such that the area of the triangle PAB is equal to the square on the tangent PT drawn from the point P to the given semicircle.

4. Prove that the diagonals of a regular pentagon cut each other in extreme and mean ratio.

5. If perpendiculars be drawn from any point on the circumference of a circle to the sides of an inscribed quadrilateral, prove that the rectangle under the perpendiculars on two opposite sides is equal to the rectangle under the perpendiculars on the two remaining sides.

6. Describe the greatest equilateral triangle that can be circumscribed about a given triangle. Show that its altitude is

$$\left\{ a^2 + b^2 - 2ab \cos\left(\frac{\pi}{3} + C\right) \right\}^{\frac{1}{2}},$$

where a and b are the two sides of the triangle and C the included angle.

7. Find the sine and cosine of 60° , 18° , 15° .

8. Prove that

$$3 \sin a - \sin 3a = 2 \sin a (1 - \cos 2a);$$

$$\sin^6 a - \cos^6 a = \frac{1}{4} \cos 2a (\sin^2 2a - 4);$$

$$\sin a + \sin 3a + \sin 5a + \sin 7a = 4 \sin 4a \cos 2a \cos a.$$

9. Find the cosine of an angle of a triangle in terms of the sides.

Squares are described on the sides of a triangle and the adjacent corners connected: prove that the sum of the squares on the three connecting lines is three times the sum of the squares on the sides of the triangle.

10. From the top of a hill the depression of a point on the plane below is 30° , and from a station three-quarters of the way down the depression of the same point is 15° . If θ be the inclination of the hill, show that

$$\tan \theta = \frac{3}{3\sqrt{3} - 2}.$$

LITERARY SCHOLARSHIP.—SECOND YEAR.

GREEK. — *First Paper.*

Professor D'ARCY W. THOMPSON, M.A.

1. Give (*a*) the masculine of :—

πίειρα; πρέσβα; πρόφρασσα;

and (*b*) the feminines of :—

ήριγενής; μάκαρ; χαλκοβαρής.

2. Compare the adjectives :—

λαλός; πτωχός; κλέπτης.

3. Distinguish between Primitive and Denominational Verbs, giving three instances in either case.

4. Give six instances where the Syllabic Augment is found in a verb before an initial vowel.

5. Give the first person singular of the imperfect tense for each of the following verbs :—

οικοδομῆν; μετεωρίζειν; ὑποπτέειν; ἐναντιοῦσθαι.

6. Give, with right accentuation (*a*) the third singular optative active, (*b*) the infinitive active, and (*c*) second singular imperative middle of the first aorist of each of the following verbs :—

πλέκειν; παύειν; τελεῖν; δηλοῦν.

7. Give six perfects with present meaning, and one present with past meaning.

8. Give nouns corresponding to the following verbs :—
φέρειν; τρέφειν; λείβειν; σπένδειν; σπένδειν; πλέειν;
πνέειν; λέγειν; στέργειν; ἀμείβειν.

9. Translate the following passages :—

(a.) τόδε δὲ θῶνμά μοι μέγιστον γενέσθαι λέγεται
συγγραψάμενον δὲ οἴχεσθαι ἀπίοντα ἐς Θεσσαλίην.

HERODOTUS, VIII., 135.

(b.) ἐγὼ γάρ, ὦ ἄνδρες Ἀθηναῖοι, σφόδρ' ἂν ἠγοῦμην
καὶ προσλαμβάνων οὕτως ἠΰξῃθη.

DEMOSTHENES—*Olynthiacs*, III., 6, 7.

(c.) ὅμως δὲ ὁ Ἰφικράτης,
ἐν χώρᾳ αὐτοῦ μαχόμενος ἀποθνήσκει.

XENOPHON—*Hellenics*, IV., viii., 37, 38.

GREEK.—*Second Paper.*

1. Translate the following passages :—

(a.) ἄλλῃ δ' ἐπιῖχε τόξ', ὅς ἀμφὶ βωμίαν

μήτηρ ὑπεκλαβοῦσα, καὶ κλύει πύλας.

EURIPIDES—*Hercules Furens*, 984-997

(b.) ἠῶθεν δὲ γέροντας ἐπὶ πλείονας καλίσαντες

ὡς περ Κίκλωπές τε καὶ ἄγρια φῦλα Γιγάντων.

HOMER—*Odyssey*, VII., 189-206.

2. Mention the circumstances attending the latter days, or the decease, respectively, of Themistocles, the Spartan Pausanias, Pericles, Æschylus, Socrates, Euripides, Alcibiades, Phocion, Demosthenes.

3. What changes were introduced by Pericles into the administration of Athens?

4. Name the commanders of the fleet that sailed from Athens to the siege of Syracuse, and the chief commanders during the siege on the Syracusan side.

5. What is there unique (a) in the play of the *Perseæ* of Æschylus, and (b) in the stage-action of the *Ajax* of Sophocles?

6. Enumerate the chief orators of Athens.

7. Render into Greek the following :—

The sudden invasion of an enemy overthrows such as are not on their guard ; but they who foresee the war, and prepare themselves for it before it breaks out, stand, without difficulty, the first and fiercest attack. I learned this important lesson years ago ; and never trusted to fortune, even while she seemed to be at peace with me ; the riches, honours, the reputation, and all its advantages which her treacherous indulgence poured upon me, I placed so that she might snatch them away without giving me any disturbance. She took them, but she could not tear them away from me.

No man suffers by bad fortune but he who has been deceived by good. If we grow fond of her gifts ; if we fancy that they belong to us, and are perpetually to remain with us ; if we depend upon them, and expect to be considered for them, we shall fall into all the bitterness of grief, as soon as these false benefits have passed away. But if we do not allow ourselves to be transported with prosperity, we shall not be reduced by adversity.

LATIN—*First Paper.*

PROFESSOR SANDFORD, M.A.

1. Translate with brief notes :—

(a.) Et ture et fidibus iuvat

Neu vivax apium neu breve lilium.

HORACE, *C.* i. 36, 1-16.

(b) Nullam, Vare, sacra vite prius severis arborem

Arcanique fides prodiga, perlucidior vitro.

Ib. 18.

(c.) Nullus argento color est avaris

Serviat uni.

Ib. ii., 2, 1-12

(d.) Non usitata nec tenui ferar

Ales Hyperboreosque campos.

2. Give the scansion of (a), (b), (c), and (d). What allusion is there to Virgil in Hor. *C.* i., and to Cato in Hor. *C.* ii.? Quote two stanzas that have struck you for their beauty.

3. Translate the following unprescribed passage :—

At non audaci Turno fiducia cessit ;
 Ultro animos tollit dictis atque increpat ultro
 ‘Troianos haec monstra petunt, his Iuppiter ipse
 Auxilium solitum eripuit, non tela neque ignes
 Expectans Rutulos. Ergo maria in via Teucris
 Nec spes ulla fugae : rerum pars alterna adempta est,
 Terra autem in nostris manibus, tot milia gentes
 Arma ferunt Italae. Nil me fatalia terrent,
 Siqua Phryges prae se iactant, responsa deorum :
 Sat fatis Venerique datum, tetigere quod arva
 Fertilis Ausoniae Troes. Sunt et mea contra
 Fata mihi, ferro sceleratam excindere gentem,
 Coniuge praerepta nec solos tangit Atridas
 Iste dolor solisque licet capere arma Mycenis.
 ‘Sed periisse semel satis est’ : peccare fuisset
 Ante satis penitus modo nunc genus omne perosos
 Feminum. Quibus haec medii fiducia valli
 Fossarumque morae, leti discrimina parva,
 Dant animos.

4. Translate into Latin :—

Your course, however, must be your own care : I will pledge myself to mine. I defended the Commonwealth in my youth : I will not abandon it in my age. Nay, I am ready to sacrifice my life, if by my death the liberty of the State can be secured now and here,—so that at last the pangs of the Roman people may bring forth that with which they so long have been in travail. If, twenty years ago, I said in this very temple that death could never come before its time to a man who had been consul, with how much more truth can I say this now of a man who has reached old age ?

P

5. Annotate the following words, illustrating the philological principles involved :— *quattuor*, *gloria*, *maior*, *viginti*, *lacrima*, *arbos*, *carmen*, *voco*, *Iuppiter*, *latus*.

6. What cases are used to denote *price* or *valuation* ?

7. What is the general rule for the moods and tenses in conditional sentences ? Explain the divergence from it in the case of such verbs as *possum* and *decet*.

8. Explain fully the formation of the *future infn. pass.*

9. In what various ways is the perfect stem formed ? What are the perfects of—*seco*, *circumsto*, *censeo*, *sentio*, *cio*, *divido*, *parco*, *peto*, *vincio*, *meto* ?

LATIN—*Second Paper.*

1. Translate, with brief notes :—

(a.) Nil me poeniteat sanum patris huius : eoque

Multis atque aliis vivo.

HORACE, *S. L.*, vi., 89–110.

(b.) *D. Scurra Volanerius*, postquam illi iusta cheragra

Audit ? cum magno blateras clamore, furisque.

Ibid., II., vii. 15–35.

(c.) *Texendae sepes etiam*, et pecus omne tenendum,

Et quocumque deus circum caput egit honestum.

VIRGIL, *G.*, ii., 371–392.

(d.) At cantu commotae Erebi de sedibus imis

Foedera, terque fragor stagnis auditus Avernis.

Ibid., iv., 471–493.

(e.) *Iam Romani ad spectaculum pugnae eius frequentes alteram stupentibus miraculo hostibus intactum evasisse.*

LIVY, xxiii., 47.

2. (a.) 'hic niger est, hunc tu, Romane, caveto.' Of whom is this said?

(b.) Three great poets of the Old Greek Comedy are named in one line?

(c.) In Sat. I. x. Horace mentions Fundanius, Varius, and Virgil, as eminent in various styles, and Varro Atacinus as having failed in one kind of writing. Give these, as far as possible, in Horace's words.

(d.) What does Horace say of Lucilius?

(e.) What allusion is there to Tiresias in the Satires?

3. (a.) What connexion with Roman history had the following:—Viriathus, Massinissa, Attalus?

(b.) Give an account of the reforms of the Gracchi.

(c.) Write notes on the *comitia*, the *iudicia*, and *slavery*, as existing during the prescribed period.

(d.) What led to the murders of Scipio Aemilianus and of Drusus?

(e.) What were the results of the battles:—Arausio, the Muthul, Magnesia, the Malian Gulf, Aquae Sextiae?

(f.) Describe the army of Marius.

(g.) What men of letters were eminent between 200 B.C. and 100 B.C.?

ENGLISH—*First Paper.*

THE PRESIDENT.

1. Explain, and give the context of, the following passages in *Macbeth*:—

(a.) "But here, upon this bank and shoal of time,
We'd jump the life to come."—

(b.) "And Fortune, on his damned quarrel smiling,"—

(c.) "and the receipt of reason

A limbeck only":—

- (d.) "Present him eminence, both with eye and tongue:
Unsafe the while, that we
Must lave our honours in these flattering
streams ;"—
- (e.) "Augurs and understood relations have
By magot-pies, and choughs, and rooks, brought
forth
The secret'st man of blood."—

2. Explain the following words, and give the context:—
*Metaphysical, incarnadine, intrenchant, alarum'd, shard-
borne, fee-grief, foison.*

3. Write notes on the following sentences in *Comus* :—
- (a.) "Took in by lot 'twixt high and nether Jove"—
- (b.) "Roving the Celtic and Iberian fields,"—
- (c.) "The soothest shepherd that e'er piped on
plains."
- (d.) "And the Carpathian wizard's hook,"—
- (e.) "Sadly sits th' Assyrian queen ;"—

4. In what terms does the Poet refer to—
- (a.) The Welsh people ; (b.) Courtesy ; (c.) the
power of chastity ; (d.) Nepenthes ; (e.) the music of
the spheres ?
-

5. Give the date of Pope's *Essay on Criticism*. How
is the work divided ?

6. Dr. Johnson finds in this Essay a simile "perhaps
the best that English poetry can show" :—Quote it ; and
state the grounds of Dr. Johnson's eulogy.

7. Write notes on the following sentences :—
- (a.) "As if the Stagirite o'erlooked each line."
- (b.) "Led by the light of the Maeonian star."
- (c.) "Scotists and Thomists, now, in peace remain,"—

8. How are Denham, Waller, Dryden, and Garth referred to ?

9. And how Buckinghamshire, Roscommon, and Walsh ?

10. Enumerate, in chronological order, twelve eminent Poets, and twelve Prose-writers (Historians, Essayists, and Philosophers), who flourished during the period 1714-1820 ; and mention a representative work of each.

Second Paper.

THE PRESIDENT.

1. Enumerate, with dates, the works of Gray ; and characterize his genius.

2. Give the grammatical structure of the following sentences :—

(a.) “ And all the air a solemn stillness holds,”—

(b.) “ For who, to dumb Forgetfulness a prey,
This pleasing anxious being e'er resigned ?”

3. Show that Gray treats “ many a” both as a Singular and a Plural in the *Elegy*.

4. Explain the following passages :—

(a.) “ The struggling pangs of conscious truth to hide,
To quench the blushes of ingenuous shame,
Or heap the shrine of Luxury and Pride
With incense kindled at the Muse's flame.”

(b.) “ A voice as of the Cherub-Choir
Gales from blooming Eden bear,
And distant warblings lessen on my ear,
That lost in long futurity expire.”

5. Describe the metre of the *Elegy*.

Scan the first line of *The Bard*.

6. Give the date of *The Corsair*; and describe the metre of the poem. To whom was the poem dedicated, and in what terms?

7. What characteristics of Byron's genius are exemplified in the poem?

Quote, or refer to passages in illustration of your opinion.

8. "Warburton, whatever was his motive, undertook, without solicitation, to rescue Pope from the talons of Crousaz."—Explain this.

9. Give the substance of Dr. Johnson's criticism on the *Essay on Man*.

10. And on Pope's theory of a *Ruling Passion*.

11. Among the Épitaphs written by Pope, Dr. Johnson selects one which he has "always considered the most valuable":—To which of them does he refer, and what are the grounds for his opinion?

12. The opening paragraph of *Rasselas* may be said to embody the spirit of the whole work, while the title of the last Chapter expresses epigrammatically the conclusions at which the several actors in the story arrived:—Quote, or give the substance.

13. How does Gray apostrophize the Thames? Dr. Johnson, when ridiculing this apostrophe, seems to have forgotten that he made one of the leading characters in *Rasselas* address a similar invocation to the Nile:—Can you quote the passage?

14. State where the following Islands are, and to what nations they belong:—Madeira, St. Helena, Tobago, Formosa, Amboyna, New Caledonia, Gozo, Cyprus, the Andaman Islands.

FRENCH—Professor V. STEINBERGER, M.A.

1. Traduisez en français :—

To revive the genius of Phidias and Lysippus, surpassed indeed the power of a Roman emperor ; but the immortal productions which they had bequeathed to posterity were exposed without defence to the rapacious vanity of a despot. By his commands the cities of Greece and Asia were despoiled of their most valuable ornaments. The trophies of memorable wars, the objects of religious veneration, the most finished statues of the gods and heroes, of the sages and poets, of ancient times, contributed to the splendid triumph of Constantinople ; and gave occasion to the remark of the historian Cedrenus, who observes, with some enthusiasm, that nothing seemed wanting except the souls of the illustrious men whom those admirable monuments were intended to represent.

GIBBON.

II. Grammaire—

1. (a) Quel est le féminin des substantifs *bouc, cheval, czar, devin, dieu, empereur, gendre, ivrogne, neveu, oncle, serviteur* ?

(b) Dans quel sens les substantifs *aigle, couple, foudre, hymne*, sont-ils masculins ?

2. Avec quel substantif l'adjectif s'accorde-t-il,

(a) lorsque plusieurs substantifs, n'étant pas liés par une conjonction, sont presque synonymes ;

(b) lorsqu'il y a gradation dans les idées exprimées ? donnez quelques exemples.

3. " De toutes les jeunes filles de la pension, ma sœur est *la* plus heureuse."

" C'est à la campagne que ma sœur est *le* plus heureuse." Pourquoi *la* dans la première phrase et *le* dans la seconde ?

4. Expliquez la règle sur l'accord du pronom *le, la, les*, qui n'est pas généralement exprimé en anglais. Traduisez comme exemples :—

(a) Are you the governess of these children ? No, I am not.

(b) Mary, are you happy at school ? Yes, I am.

(c) Are you my friend's sisters ? No, we are not.

(d) Boys, are you ready ? Yes, we are.

5. (a) Comment traduisez-vous *what* au commencement d'une phrase ? et *which* dans " I have lost a book of yours, but I do not know *which*."

(b) Montrez, par des exemples, la différence entre *quelque* et *quel que* ; *quoi que* et *quoique* ; *par ce que* et *parce que* ; *savant* et *sachant* ; *aveuglement* et *aveuglement* ; *le lundi suivant* et *lundi prochain*.

QUESTIONS ON THE AUTHORS.

1. Show that in Racine's *Athalie* the plot is conducted with great simplicity, and that all the characters are well sustained.

2. Date the following events in the life of Bossuet :—His birth—Oraison funèbre de Condé—his death.

3. Under what circumstances was Bossuet's Oraison funèbre de Condé delivered ? Give a short account of Condé's career.

SCIENCE SCHOLARSHIP—SECOND YEAR.

First Paper.

GEORGE J. ALLMAN, LL.D.

1. Three lines drawn through the vertices of a triangle are concurrent, and meet the opposite sides in three points which determine an inscribed triangle ; show that the sides of this triangle intersect the corresponding sides of the original triangle in three points, which are collinear.

2. O is a fixed point in the plane of a circle, and P, Q two variable points on the circumference ; show that if the sum of the squares on OP and OQ be constant, the middle point of PQ will lie on a fixed straight line, and the line PQ will envelope a parabola.

3. Eliminate ϕ from the equations

$$a^3y \sin \phi + b^3x \cos \phi + ab (a^2 \sin^2 \phi + b^2 \cos^2 \phi) = 0,$$

$$ax \sec \phi - by \operatorname{cosec} \phi = a^2 - b^2.$$

4. If on substituting $\xi \cos \alpha + \eta \cos \beta$ for x
and $\xi \sin \alpha + \eta \sin \beta$ for y ,
 $ax^2 + 2byx + cy^2$ becomes $A\xi^2 + 2B\xi\eta + C\eta^2$,
show that $AC - B^2 = (ac - b^2) \sin^2 (\alpha - \beta)$.
5. From the principle that each side of a triangle is the algebraic sum of the projections on it of the two other sides, three equations connecting the sides and angles can be immediately obtained. Are these equations sufficient for the determination of the sides when the angles are given? What inferences can you draw from these equations concerning both sides and angles.
6. Given the four sides of a quadrilateral, prove that its area is a *maximum* when it is concyclic.
7. Prove that all the plane angles, which form a solid angle, are together less than four right angles.
If a cube and a regular octahedron be inscribed in the same sphere, show that their surfaces have to each other the same ratio as their volumes.
8. If the three plane angles at the vertex of a tetrahedron be bisected, and the points at which the bisectors meet the sides of the base be joined with the opposite angles, show that the three lines so drawn are concurrent.
9. If a sphere be inscribed in a cone, prove that the volume of the cone is to the volume of the sphere as the whole surface of the cone is to the surface of the sphere.
10. Prove that the sines of the sides of a spherical triangle are proportional to the sines of the opposite angles. Show that the arcs of great circles bisecting the angles of a spherical triangle are concurrent.
11. The arc of a great circle joining the points of bisection of the sides AB , AC of a spherical triangle cuts the base BC produced in the point P ; prove that
- $$\cos AP \cdot \sin \frac{a}{2} = \sin \frac{c+b}{2} \cdot \sin \frac{c-b}{2}.$$
12. If two spherical triangles have the three sides of the one, respectively, equal to the three sides of the other, show that their areas are equal.

Second Paper.

GEORGE J. ALLMAN, LL.D.

1. Eliminate
- x, y, z
- from the equations—

$$x^3 - a^3 = y^3 - b^3 = z^3 - c^3 = xyz,$$

$$\frac{a^3}{x} + \frac{b^3}{y} + \frac{c^3}{z} = \frac{d^3}{x+y+z}.$$

2. Find the condition which must be satisfied in order that

$$x^3 + 3px^2 + 3qx + r \quad \text{and} \quad x^2 + 2px + q$$

should have a common factor.

3. Prove that

$$\log_e x = 2 \left\{ \frac{x-1}{x+1} + \frac{1}{3} \left(\frac{x-1}{x+1} \right)^3 + \&c. \right\}.$$

4. Calculate

$$\begin{vmatrix} 1, & 1, & 1, & 1, \\ \alpha, & \beta, & \gamma, & \delta, \\ \alpha^2, & \beta^2, & \gamma^2, & \delta^2, \\ \alpha^3, & \beta^3, & \gamma^3, & \delta^3 \end{vmatrix}$$

5. Find the relation between
- q
- and
- r
- in order that the equation

$$x^3 + qx + r = 0$$

may be put into the form

$$x^4 = (x^2 + ax + b)^2.$$

Hence solve the equation

$$8x^3 - 36x + 27 = 0.$$

6. If
- α, β, γ
- be the roots of the cubic

$$x^3 + px^2 + qx + r = 0,$$

form the equation whose roots are

$$\frac{\beta}{\gamma} + \frac{\gamma}{\beta}, \quad \frac{\gamma}{\alpha} + \frac{\alpha}{\gamma}, \quad \frac{\alpha}{\beta} + \frac{\beta}{\alpha}.$$

7. Find the equation of the line passing through the point
- $(1, 3)$
- and making an angle of
- 30°
- with the line
- $2y - x = 5$
- .

PHILOLOGY.

1. What is a root? What is the difference between strong and weak roots, and to what is the variation due? Give examples.

2. Describe and illustrate Verner's extension of Grimm's law.

3. Write notes on the etymology of:—*ἄσσα, ἦκα, ἐλάσσων, videro, quadraginta, venio.*

4. What is peculiar about the words:—*ruo, ovis, quattuor, δέρη, στόα, and ἵππος?*

5. Give the Latin cognates of:—*ἦσσων, δάηρ, ἄμος, ὠμός, ἔλπομαι, θυμός.*

6. Give the Greek cognates of:—*somnus, femina, vox, unus, fundo, and mollis.*

7. Whence came the *ᾶ* in *μοῖρα, γλῶσσα κ.τ.λ.?*

Translate into Greek Prose:—

Assure yourselves, therefore, Athenians, that even now all the rest is sheer profession and pretence, and that Philip is really planning and contriving that, while you remain at home, and the State loses all influence abroad, he may carry out all the projects he desires with the greatest tranquillity. In proof of this contemplate the scene which is passing before your eyes. He is now spending his time in Thrace, attended by a large force, and is sending for large reinforcements, as persons on the spot allege, from Macedonia and Thessaly. If, therefore, after waiting for the Etesian winds, he should appear before Byzantium and besiege it, do you in the first place imagine that the Byzantines will continue as infatuated as they now are, and will condescend neither to invoke our aid nor to defend themselves? I do not believe that they will. On the contrary, I believe that, if there are any whom they distrust more than ourselves, they would admit them in preference to surrendering the city to him, in case he should not reduce them beforehand. So that if we are not able to send a squadron

thither from hence, and if there is no resource at hand upon the spot, nothing can save them from ruin. "True," you will say, "for the men are ill-starred wretches, and their infatuation knows no bounds." I quite agree, yet still they must be saved, for it concerns our country. Moreover, we cannot be certain even of this that he will not attack the Cheronese; but if—as we surely may—we are to judge from the letter he has sent us, he intends to retaliate on the inhabitants of the Cheronese.

SCIENCE SCHOLARSHIP—MODERN LANGUAGES.

FRENCH.

Professor V. STEINBERGER, M.A.

Traduisez en français.

Foundation of Constantinople.

The master of the Roman world, who aspired to erect an eternal monument of the glories of his reign, could employ in the prosecution of that great work the wealth, the labour, and all that yet remained of the genius of obedient millions. Some estimate may be formed of the expense bestowed with imperial liberality on the foundation of Constantinople, by the allowance of about two millions five hundred thousand pounds for the construction of the walls, the porticoes, and the aqueducts. The forests that over-shadowed the shores of the Euxine and the celebrated quarries of white marble in the little island of Proconnesus, supplied an inexhaustible stock of materials, ready to be conveyed, by the convenience of a short water-carriage, to the harbour of Byzantium. A multitude of labourers and artificers urged the conclusion of the work with incessant toil; but the impatience of Constantine soon discovered that, in the decline of the arts, the skill, as well as numbers of his architects bore a very unequal proportion to the greatness of his designs.—GIBBON.

LITTERATURE FRANÇAISE.

1. Quels ont été principaux poètes de la première moitié du 17^e siècle? Nommez leurs oeuvres principales en les caractérisant.

2. Indiquez les sujets dont traite "la lettre à l'Académie" de Fénelon.

3. Quelle fut l'idée de Descartes en écrivant "Discours de la Méthode."

HISTOIRE DE LA LANGUE FRANÇAISE.

1. Expliquez la formation du pronom possessif. Dans quels cas les pronoms *mien*, *tien*, *sien*, étaient ils employés dans la langue d' Oïl?

2. Prouvez que (a) le quatorzième siècle est le point de partage entre l'ancienne langue et la nouvelle; (b) Malherbe fit pour la langue française ce-que son maître Henri IV. fit pour la France.

SENIOR SCHOLARSHIP—MATHEMATICS.

Professor ALLMAN, LL.D.

[Full credit will be given for answering two-thirds of this Paper.]

1. Prove that the equation whose roots are the differences of the roots of a given equation $f(x) = 0$ may be obtained by eliminating x from the equations—

$$f(x) = 0, f'(x) + f''(x) \frac{y}{1.2} + f'''(x) \frac{y^2}{1.2.3} + \&c. = 0,$$

and determine the degree of the equation in y .

2. Expand $\log \left(\tan \frac{x}{2} \right)$ in a series of cosines of multiples of x . Prove also the formula—

$$\frac{\pi}{2} = 2 \left\{ \sin x + \frac{\sin 3x}{3} + \frac{\sin 5x}{5} + \dots \right\}$$

for values of x between 0 and π .

3. The equation of a curve is $r_1 r_2 = k^2$, where r_1, r_2 are the distances from any point P on the curve to two fixed points A and B; show that the portion of the tangent to the curve at P intercepted between lines drawn through A and B perpendicular to AP and BP respectively is bisected at the point P.

4. State and prove Newton's three theorems concerning curves: and give the generalizations of these theorems due respectively to Cotes, Maclaurin, and Carnot.

5. Prove that all cubics which pass through eight fixed points on a cubic pass also through a ninth fixed point.

Show that if any conic be described through four fixed points on a cubic, the chord joining the two remaining intersections of the conic with the cubic will pass through a fixed point on the cubic.

6. Prove that the sum or difference of the principal parameters of any two conjugate diametral sections of a paraboloid is constant according as it is elliptic or hyperbolic.

7. Through a given point P draw any straight line PSS', cutting a given sphere in the points S, S'; join S to Q (a given point on the surface of the sphere) and take on QS a portion QT equal to PS: show that the locus of T is an ellipsoid. Find its centre, the direction and magnitude of its axis and its circular sections. When is the ellipsoid thus generated by revolution?

8. Prove Ivory's theorem—The distance between two points, one on each of two confocal ellipsoids, is equal to the distance between the two corresponding points.

9. Find the quadratic equation which gives the principal radii of curvature at any point of a hyperboloid of one sheet. Hence show that the locus of points on a hyperboloid of one sheet, at which the radii of curvature of the two principal sections are equal and opposite, is a sphero-conic.

10. Find the equation of the developable generated by the tangents of a helix.

11. Investigate the formula for the area of any surface. If on the paraboloid $\frac{x^2}{p} + \frac{y^2}{q} = 2z$, a curve determined by the equation $\gamma = \alpha$ be described, where γ is

the angle which the normal makes with the axis of z , show that the superficial area of the paraboloidal zone bounded by this curve is given by the expression— $\frac{2}{3}\pi pq(\sec^3\alpha - 1)$.

12. Integrate the differential equations:—

$$x dx + y dy = 2y dx ; \quad (1 - x^2) \frac{dy}{dx} + xy = mx ;$$

$$y = \left(1 + \frac{dy}{dx}\right)x + \left(\frac{dy}{dx}\right)^2 ; \quad x^2 \frac{d^2y}{dx^2} - x \frac{dy}{dx} = 3y + x^m.$$

13. Integrate the partial differential equations:—

$$p - q = \frac{z}{x + y} ; \quad \left(\frac{y}{x} + \frac{z^2}{y^2} + 1\right)p - \left(\frac{x}{y} + \frac{z^2}{x^2} + 1\right)q = z \left(\frac{y}{x^2} - \frac{x}{y^2}\right).$$

14. Find the equation of the surface which cuts at right angles all the spheres which pass through a given point and have their centres on a straight line passing through that point.

15. Determine the curve in which the radius of curvature is double the normal and in the opposite direction.

SENIOR SCHOLARSHIP—NATURAL PHILOSOPHY.

First Paper—MATHEMATICAL PHYSICS.

Professor A. ANDERSON, M.A.

1. A perfectly rough heavy body rests in equilibrium on a fixed surface; determine whether the equilibrium is stable or unstable. In the case of a cylindrical rough body resting on a horizontal plane, show that the equilibrium is stable or unstable according as the centre of gravity is below or above the centre of curvature at the point of contact.

2. Prove that if ν be the potential of an attracting body at an internal point P where the density is ρ then

$$\frac{d^2\nu}{dx^2} + \frac{d^2\nu}{dy^2} + \frac{d^2\nu}{dz^2} + 4\pi\rho = 0.$$

Prove that at a point of equilibrium in free space the stable directions of displacement are separated from the unstable directions by a *real* cone, and find its equation.

3. Prove the equation $\frac{d^2u}{d\theta^2} + u = \frac{P}{h^2u^2}$. If $P = \mu u^n$, investigate an equation for determining the apsidal distances, and show that it cannot have more than two positive roots.

4. If a particle describe the curve locus of the foot of the perpendicular let fall on the tangent to a central conic from its centre under the action of a force directed towards the centre, prove that the force is $\frac{A}{r^7} - \frac{B}{r^5}$, where A and B are constants.

5. Prove the convertibility of the centres of suspension and oscillation in a compound pendulum, and explain how this property has been used to determine the length of the simple pendulum which will oscillate in a given time.

6. Prove the principles of the conservation of areas and the conservation of energy.

A uniform rod, length $2a$, moves about one extremity under the action of gravity, show that if ω_1 , ω_2 denote the horizontal and vertical angular velocities of the rod when in its horizontal position and θ the angle which it makes with the vertical,

$$\left(\frac{d\theta}{dt}\right)^2 = \omega_2^2 - \omega_1^2 \cot^2\theta + \frac{3g}{2a} \cos \theta.$$

7. A cylinder full of water is turned round its axis with gradually increasing velocity until half the water gets out, find the work done.

8. Explain the formation of focal lines when a small pencil is refracted at a surface. Find the positions of the primary and secondary foci when a small pencil obliquely incident on a prism is refracted in a principal plane.

9. Prove that, in a biaxial crystal, the planes of polarization of the two waves corresponding to the same wave front, bisect the angles between the two planes passing through the normal to the wave-front and the optic axes.

10. Prove that the acceleration in the rising of a star due to the dip of the horizon is

$$\frac{D''}{15} \left[\cos (d+l) \cos (d-l) \right]^{-\frac{1}{2}} \text{ seconds,}$$

where D'' is the dip in seconds of arc, d the declination of the star, and l the latitude of the place.

Second Paper—EXPERIMENTAL PHYSICS.

1. Define the co-efficient of simple rigidity of a solid. How is this co-efficient determined by experiment?

2. Prove that for any substance the ratio of the elasticity at constant heat to the elasticity at constant temperature is equal to the ratio of the specific heat at constant pressure to the specific heat at constant volume.

3. Explain the diffraction pattern produced by light radiated from a point and passing through a small circular opening; and find how the intensity of illumination at the centre of the diffraction pattern depends on the distance from the opening.

4. How would you distinguish experimentally between ordinary, plane polarized, circularly polarized, and elliptically polarized light?

5. What is meant by magnetic hysteresis? Show that if I be the intensity of magnetisation and H the magnetizing force supposed in the same direction, the energy

lost per unit volume in a complete cycle is $\int I dH$.

6. Find the potential due to a short magnet at any external point.

7. What is magnetic permeability? Describe a method of determining it, giving the necessary formulæ.

8. Show that the activity of an electro-motor is maximum when the back E.M.F. is half the applied E.M.F.

9. Explain how a ballistic galvanometer can be used to measure the whole quantity of electricity in an instantaneous current.

10. Describe any form of alternating current dynamo.

SENIOR SCHOLARSHIP—METAPHYSICAL AND
ECONOMIC SCIENCE.

ECONOMIC SCIENCE—Professor BASTABLE, LL.D.

1. Point out the principal ways in which the value of a commodity may be affected by changes in the values of other commodities.

2. "The agricultural labourer was much better off in the middle of the 18th century than his descendants were in the middle of the 19th." Discuss this statement fully.

3. Give some account of protectionist doctrine as set forth by (a) Hamilton, (b) List, (c) Carey.

4. Examine critically the theory of the tendency of profits to a minimum.

5. Trace the effects, immediate and ultimate, of a tax on *fixed* capital.

JURISPRUDENCE.

1. Discuss fully "the influence of Equity on Ownership."

2 The medieval "law relating to women carries the stamp of its double origin." Explain and criticise this assertion of Maine's.

3. Examine carefully Austin's classification of the forms of Government. How would you describe the Governments of the following countries:—Austria, Hungary, France, Norway, Roumania, the United Kingdom?

4. What are the chief objections to Judicial Legislation?

5. Consider the proper place for the law of succession in a codified body of Law. What place does Austin assign to it?

SENIOR SCHOLARSHIP—CHEMISTRY.

Professor SENIER, PH.D.

(Formulæ and equations to be used whenever possible.)

1. Describe and explain the action of heat on (1) ammonium nitrate, (2) ammonium nitrite, (3) lead nitrate, (4) potassium chlorate, (5) ammonium acetate, (6) ammonium chloride, (7) ammonium phosphate, (8) red oxide of mercury.

2. How may salicylic acid be prepared from phenol, and how is it related chemically to (1) salicin, (2) oil of wintergreen, (3) saligenin, (4) benzoic acid, (5) oil of spiræa?

3. Give two methods each for the preparation of the hydrides of chlorine, bromine, and iodine, and state how proof may be obtained (1) of their composition, (2) of the weight of their molecules.

4. What reaction takes place when oxalic acid is heated with glycerol? How does the compound formed behave (1) when further heated by itself, (2) when submitted to hydrolysis?

5. Contrast the action of nitrous acid on ammonia or alkyl amines with its action on aromatic amido derivatives, such as anilin, preferably as nitrate. Show how this last reaction affords a method for the preparation of two important groups of benzene derivatives.

6. Explain, giving illustrations, what is meant by metameric, polymeric, physically isomeric, and tautomeric molecules.

7. What is phenylhydrazine, and how is it related chemically to diazo compounds? What reaction takes place between phenylhydrazine and carbonyl compounds, especially aldoses and ketoses?

8. Explain the preparation of carbon monoxide from potassium ferrocyanide, and state what compounds are formed when it reacts with (1) potassium hydroxide, (2) chlorine, (3) iron or nickel.

9. An acid composed of carbon hydrogen and oxygen forms a silver salt which on analysis gave the following percentage numbers:—

$$\begin{array}{r}
 \text{C} = 24.62 \\
 \text{H} = 3.59 \\
 \text{Ag} = 55.38 \\
 \text{O} = 16.41 \\
 \hline
 100.00 \\
 \hline
 \end{array}$$

Calculate the minimum weight of its molecule:—

$$(\text{C} = 12, \text{H} = 1, \text{Ag} = 108, \text{O} = 16).$$

LABORATORY EXPERIMENTS.

Professor SENIER, PH.D.

1. Examine the green crystalline salt given (ferrous sulphate).

- (a) Of what radicals does it consist?
- (b) Estimate the percentage of basic radical present by a volumetric method.
- (c) Determine the percentage of acid radical present by a gravimetric method.
- (d) Determine the percentage of water of crystallization, if any, present.

2. Examine the solution given for three basic radical copper, zinc, magnesium).

THE "BLAYNEY" EXHIBITION (1892).

Professor SANDFORD, M.A.

I.—VERGIL, *Aeneid*, vi., vii., viii.

1. Comment on the following expressions, explaining allusions and noticing any peculiarities:—(a) in foribus letum Androgeo; (b) alius iam partus Achilles, natus et ipse dea; (c) gaudet cognomine terra; (d) multum fleti ad superos; (e) discedam explebo numerum; (f) Phlegyasque miserrimus omnis admonet; (g) obloquitur numeris septem discrimina vocum; (h) quisque suos patimur manes; (i) tua postuma proles; (j) et pater ipse suo superum iam signat honore; (k) iacet extra sidera tellus, extra anni solisque vias; (l) duo fulmina belli; (m) eruet ille Argos; (n) lucosque sub Alba consulit Albunea; (o) Cinctus Gabinus; (p) quod scelus aut Lapithas tantum aut Calydonia merentem; (q) nam mihi parta quies omnisque in limine portus; (r) pars pedes ire parat pars arduus altis pulverulentus equis; (s) sic orsa vicissim ore refert; (t) nec dextrae erranti deus afruit; (u) cui pater haud Mezentius esset; (v) hic mihi magna domus

celsis caput urbibus exit ; (*w*) iter celerant rumore secundo ; (*x*) sed centra audentior ito quam tua te Fortuna sinet, via prima salutis quod minime reris Graia pandetur ab urbe ; (*y*) devexo Olympo ; (*z*) distulit in seram commissa piacula mortis.

2. Translate with *brief* notes :—

(a) Ipsa videbatur ventis regina vocatis, &c., &c.

Aeneid, viii., 707-713.

(b) quanta per Idaeos saevis effusa Mycenis, &c., &c.

Ib., vii., 222-227.

(c) principio caelum ac terram camposque liquentis, &c., &c.

Ib., vi., 724-738.

3. Give instances of :—(*a*) alliteration ; (*b*) sound echoing sense ; (*c*) hypermeter. Scan the following :—

(a) Ardea Crustumerique et turrigeræ Antemnae,

(β) Saevus ubi Orion hibernis conditur undis,

(γ) Paeoniis revocatum herbis et amore Dianae.

To whom does (γ) refer ?

4. Quote (*a*) the concluding portion of the speech of Anchises, beginning with "excudent alii" ; (*b*) the description of Camilla ; (*c*) the words with which Evander bids Aeneas enter his home.

5. (*a*) How is the story Cacus introduced ?

(b) Name the chief characters encountered by Aeneas in the lower world.

(c) Describe the shield fashioned by Vulcan.

6. What in Virgil do the following recall :—(*a*) ὤμὸν γῆρας, (*b*) τὸν Ἀμέλητα ποταμόν (Plato) ; (*c*) οἱ δὲ σὺν γῆρα βαρεῖς (Soph.) ; (*d*) "This way and that dividing the swift mind" (Tennyson) ; (*e*) αὐτὰρ ἐπεὶ πόσιος καὶ ἐδητύος ἐξ ἔρον ἔντρο (Homer).

7. What is the meaning of the following words : *macto*, *turbo*, *nubigenae*, *porgite*, *obiez*, *aclydes*, *spiracula*, *pronuba*, *recediva*, *pullulo* ?

II.—TACITUS—HISTORY.

1. Translate :—

Non adversus divi Augusti acerrimam mentem

Satis clarus est apud timentem quisquis timetur.

TACITUS—*History*, ii., 76.

2. Potuisse tunc opprimi legiones

Inde iniuriam et culpam hinc ultionem et deos fore.

TACITUS—*History*, v., 24

Quote instances of a similar use of *imputan*. Give a short account of the career of Civilis.

B. What accounts does Tac. give of the origin of the Jews? Point out his mistakes in the following statements :—

(a) extrema moenium Simo, mediam urbem Joannes quem Bargioram vocabant, templum Eleazarus firmaverat.

(b) rex Antiochus demere superstitionem adnisis quominus taeterrimam gentem in melius mutaret Parthorum bello prohibitus est.

3. Comment on the following :

(a) trahuntur in partes reges Sueborum quis vetus erga Romanos obsequium, et gens fidei commissior patientior. Correct this, the MS. reading, if necessary.

(b) qui solus ad id bellum artes bonas attulit. Who was this? How else mentioned by Tacitus?

(c) ut armatorum milia velut grex venalium exuli Antonio donum darentur? Octo nimirum legiones unius classis accessionem fore.

(d) vos, nici vincitis, pagani, quae castra alia excipient? Illic signa armaque vestra sunt, et mors victis: Nam ignominiam consumpsistis.

(e) vernile dictum omnem invidiam in eum vertit tanquam signum Cremonae incendendae dedisset. What was this "vox excepta"?

- (f) pridie Kal. Nov. Regulus iniit eiuravitque.
- (g) adeo non principatus appetens parum effugerat ne dignus crederetur. Of whom said? Give an account of his death.
- (h) Muciano volentia rescribere—Latium externis largiri.
- (i) hortantibus libertis (nam amicorum eius quanto quis clarior minus fidus) vocari tribus iubet dantes nomina sacramento adegit. Point out and illustrate Tacitean usages.
- (j) id facinus post conditam arbem luctuosissimum R.P. accidit. What?
- (k) Antonius praepostero obsequio vel dum regerit invidiam crimen meruit.
- (l) dirempta belli commercia—Translate. Quote three other 'Vergilian Echoes,' and a few Horatian.
- (m) par vitiis fratri (al-is)—nec perinde prosperis socius quam adversis abstractus.
- (n) quia gratia oneri ultio in quaestu habetur.
- (o) Muciano triumphalia de bello civium, sed in Sarmatas expeditio fingebatur.
- (p) Sapientibus cupido gloriae novissima exiitur. Milton used this sentence. What is the Greek form of the proverb to which *exiitur* points?
- (q) 'duas res anxius optat panem et circenses,' Juv. How does Tac. express this? 'Stoicus occidit Baream delator amicum,' Juv. How does Tac. explain this?
- (r) probabant religionem patres, periurium arguebant.
- (s) ala singularium—in procinctu.

4. Annotate the following words as used by Tac.:—*recens*—*sinus*—*ambitio*—*tanquam*—*admonere*—*mapalia*—*indiscretum*—*obtendere*—*secretum*—*clavarium*—*camara*—*torpedo*—*aquilae*—*competere*—*amandare*—*ignarus*—*sponte*—*atque*—*laurea*.

5. State what you know of the name, life, and writings of Tacitus.

PHILOLOGY.

The Professors of GREEK and LATIN.

1. Account for the final vowels in *κόρη*, *σοά*, 'Αθηνᾶ, *μῦσα*. What is the Latin form corresponding to the *-a* in the last?

2. Write notes on, (a) the formation of the perfect stem, and (b) the terminations of the present imperfect (active and passive) of the Latin verb.

3. *ὀνόματι νομῖνι*: show how these forms came from the same original.

4. What is meant by 'Ablant'? Illustrate by examples in Greek and Latin.

5. Discuss the breathing on *αθρόος*. What is the Latin cognate of *a* privative?

6. Two ingenious theories are given to account for *r* in the Latin medio-passive. State them, and the fact that leads scientific phonology to reject both.

7. Trace the connection, if any, between the following groups of words:—*ἄτερ*, asunder; *ἑκατον*, hundred, *centum*; *τέσσαρες*, *quattuor*, four; *έρυθρός*, *ruber* (*rufus*), red; *βαίνω*, *venio*, come.

8. What are the Greek cognates of:—*femina*, *vox*, *unus*, *furnus*, *levis*, and the Latin cognates of:—*χέω*, *βραχύς*, *ἔν*, *ἤσσω*, *ἔλπομαι*.

9. "I. E. had probably sixteen explosives, from which arose the nine Greek explosives, and the Latin six explosives, and *h* and *f*." Explain this.

10. Write notes on the following forms:—*ἵπποισιν*, *μείζω*, *ovibus*, *διὰτι*, *ἔχεα*, *ἄτρα* (= *τίνα*), *ὄτινα* (Hom. *Od.* viii. 204), *εἰδνῖα*, *facio*, *bimus*, *halo* (I breathe).

11. Exhibit in a tabular form the cases, and their correlatives in Greek and Latin.

12. Answer *briefly* the following:—

(a.) '*ferens* must be a late formation'?

(b.) 'There is only one certain example of the ending -to (seen in *flecto*, &c.) in Greek.' What is it? What of *τύπτω κ.τ.λ.*?

(c.) Account for *maior* but *magis*.

(d.) What do you know of the aspirated perfect in Homer, in Thucydides, and in the Tragicists?

(e.) What heteroclitics went back ultimately to the parent speech?

(f.) Account for the gen. *nullius*.

(g.) What is the main principle of accentuation in Greek and Latin? What is the law for the accent on the verb in Greek?

(h.) The derivation of *idolatry*? Give one similar formation in Greek and one in Latin.

(i.) Account for initial *σ* in *σάλος*.

(j.) Rhotacism seems to be violated in *verna* and *aenus*. To what is this due?

(k.) *ἔχω*, *ἔξω*, *ἔσχω*. Account for these forms.

Translate into Latin Prose :—

The intrepid calmness of Valentinian obtained silence, and he thus addressed the assembly: "A few moments since it was in your power, fellow-soldiers, to have left me in the obscurity of a private station. Judging from the testimony of my past life that I deserved to reign, you have placed me on the throne. It is now my duty to consult the safety and interest of the republic. The weight of the universe is undoubtedly too great for the hands of a feeble mortal. I am conscious of the limits of my abilities and the uncertainty of my life; and far from declining, I am anxious to solicit the assistance of a worthy colleague. But where discord may be fatal, the choice of a faithful friend requires mature and serious deliberation. That deliberation shall be my care. Let your conduct be dutiful and consistent."

GIBBON

Translate into Latin Verse :—

All in a moment through the gloom were seen
 Ten thousand banners rise into the air,
 With orient colours waving ; with them rose
 A forest huge of spears ; and thronging helms
 Appeared, and serried shields in thick array
 Of depth immeasurable. Anon they move
 In perfect phalanx to the Dorian mood
 Of flutes and soft recorders ; such as raised
 To highth of noblest tempers heroes old
 Arming to battle, and instead of rage
 Deliberate valour breathed, firm and unmoved
 With dread of death to flight or foul retreat.

MILTON.

LATIN AND GREEK GRAMMAR QUESTIONS.

1. "In almost all Greek Verbs that denote the exercise of some bodily function the Future Tense is Middle in form but Active in meaning."

Illustrate this by eight instances.

2. (1.) ὁ στρατηγὸς ἀπέκτεινε τὸν κήρυκα.
- (2.) σὺ ἐμὲ κακῶς ἐποίηεις.
- (3.) οἱ πολῖται τοὺς φυγάδας κατάξουσιν.
- (4.) ὁ Μειδίας φόνον ἐδίωκε τὸν ἀδελφόν
- (5.) totam horam perdididi.
- (6.) vendidimus ex deunce hæreditatem.

In the above sentences, give the same meaning in each case, inverting subject and object, but without using the exact passive voice of any verb employed, or, in short, any passive voice at all.

3. "In the Greek construction and usage of the Passive Voice much greater license and elasticity is used than is allowed in Latin."

Illustrate by two examples.

4. (a) Give instances where an Infinitive Mood may be used in Greek, where it would not, as a rule, be used in Latin.

(b) Give instances where such Greek usage is found in a Latin author.

5. (a) "Verbs conveying an idea of reciprocity are, usually, but not always, Middle in form."

Give four examples where they are, and two examples where they are not, of such form.

(b) How is reciprocity in a verb expressed in Latin ?

6. Give eight Greek nouns that are alike in spelling, but different in accentuation, and their meanings.

7. "Participles, in Greek, are sometimes used to limit and specialise the meaning of certain verbs that express vague, general notions."

Illustrate by three examples.

8. State on what grounds the word Telegram is said to be an incorrectly formed compound.

9. Render in three ways in Greek the following :—

I know that men are mortal.

10. "Impersonal passives, such as are found in abundance in Latin, are limited in Greek to perfect tenses, or to tenses derivative from the perfect."

Illustrate by examples.

11. What is the Greek title for what the Latin Grammarians called *the Genitive Case* ?

What is the true signification of the Greek title ? and what was the signification given to it by the Latin Grammarians ?

12. (a.) Give instances where the Genitive Case in Greek is used in senses and constructions that would appear to belong to an obsolete and superseded Ablative Case.

(b.) Trace the formation of the Ablative Singular in Latin.

Render into Greek Prose :—

When it was found that neither the priest nor the physician could retard the spread, or mitigate the intensity, of the disorder, the Athenians abandoned themselves to despair, and the space within the walls

became a scene of desolating misery. Every man attacked by the malady at once lost his courage—a state of depression itself among the worst features of the case, which made him lie down and die without any attempt to seek for preservatives. And, though at first friends and relatives lent their aid to tend the sick with the usual family sympathies, yet so terrible was the number of those attendants who perished from such contact, that at length no man would thus expose himself; while the most generous spirits, who persisted longest in the discharge of their duty, were carried off in the greatest numbers.

Render into Greek Trimeter Iambics :—

Seeing these things, remember that thou speak
 No word of insolence against the Gods,
 Nor boast thyself, if that thy neighbour's hand
 Be weaker, or his substance less than thine :
 Time bringeth low and raiseth up again
 All human things, and the great Gods above
 Abhor the wicked, as the good they love.

ENGINEERING SCHOLARSHIP—SECOND YEAR—
 1893.

Professor TOWNSEND, M.A.

1. Given the perspective and vanishing point of a line—not in a horizontal plane—and “the horizontal line”; if any two points be taken on the picture line—show how to divide the interval between them into 4 equal parts perspectively.

2. A cylinder whose diameter is 4 feet, lies on the ground plane, and the horizontal projection of its axis intersects the ground line opposite to the horizontal projection of the eye, and makes an angle of 40° with it to the left, two vertical planes intersect the cylinder at right angles to its axis, the distance between them being 6 feet, and the distance of the nearer one from the picture plane measured along the axis of cylinder 3 feet. Con-

struct the perspective of the intercept of the cylinder between the two planes; the height of the eye being 5 feet, its distance from the picture plane 8 feet, and scale 2 feet to 1 inch.

3. Show how to form an isometric protractor, the radius of the natural protractor passing through zero being projected along an isometric axis, and the zero of the isometrical protractor being on that isometric axis.

4. Given the projections of a point and of a right line in a plane whose traces are given; construct the traces of a line passing through the given point meeting the given line and making a given angle with the given plane.

5. Through a given point draw a line making given angles with the planes of projection, and prove the relations which must exist between the given angles.

6. From a given point draw a perpendicular to a given line, and determine its length.

7. Given two faces of a trihedral angle and the dihedral angle opposite one of them, find the third face and the other two angles.

8. The axis of a cylinder is horizontal and the axial length of a spiral on it is given; construct the horizontal projection of the spiral, and also its development, and show how to draw a tangent to the horizontal projection at any point.

9. Make a sketch of a Norman Arch and Pillar.

10. Describe the characteristics of the perpendicular style of architecture.

11. Describe the "Temple of the Winds," and state what a "Eustyle" Temple is. Sketch a column of the former.

CHEMISTRY.

Professor SENIER, PH.D.

1.-8. Same as Second Year Scholarship Examination in Medicine.

9. How is "plaster of Paris" prepared, and upon what chemical reaction does its hardening on the addition of water depend?

10. Describe the Dutch process for the manufacture of "white lead," and give an account of subsequent attempts to prepare a compound of the same quality by more expeditious methods.

11. Upon what does the hardness of natural waters depend, and how may their relative degrees of hardness be measured?

ENGINEERING SCHOLARSHIP—THIRD YEAR.

MATHEMATICAL PHYSICS.

Professor ANDERSON.

1. Show how to find the resultant of a number of parallel forces, and find the conditions that a system of parallel forces should be equivalent to a couple.

2. A smooth sphere, radius a , lies on a plane inclined at an angle α to the horizon, and is kept in position by a string of length l tied to a point on the surface of the sphere and to a point on the plane; show that the tension of the string is $W(a+l) \sin \alpha / (l^2 + 2al)^{\frac{1}{2}}$, where W is the weight of the sphere.

3. A solid hemisphere rests with its flat base on an imperfectly rough plane whose inclination is gradually increased. Show that if it begins to slip before toppling over, the co-efficient of friction is $< 2\frac{2}{3}$.

4. Prove that a particle which describes a parabola so that the component of its velocity perpendicular to the axis is constant, is acted on by a constant force parallel to the axis.

A number of heavy particles are projected from the same point in the same vertical plane with velocities equal in magnitude but differing in direction ; show that their trajectories all touch the same parabola.

5. Prove that a particle which executes simple harmonic motion in a straight line is acted on by a force proportional to the distance of the particle from a fixed point. Show that the resultant of two such simple harmonic motions is generally elliptic motion.

6. Investigate an expression for the time of revolution of the bob of a conical pendulum, and find the limiting value when the radius of the circle described is indefinitely small.

7. What is meant by the pressure of a fluid at a point ? A pound weight of water is poured into a hemispherical cup whose radius is 6 inches, find the whole pressure on the wetted surface.

8. A barometer tube contains 10 inches of air above the surface of the mercury, the height of the mercury being 23 inches when the reading of a true barometer is 30 inches. The tube is then pushed down into the mercury till the height of the mercury is zero ; find in this case the length of the tube occupied by the air.

9. Prove that a ray of light refracted through a glass prism in a principal plane is bent away from the edge of the prism. Find an expression for the deviation, when it is a minimum.

10. During what part of the night will a star whose right ascension is 7 hours be visible at the autumnal equinox ?

CHEMISTRY—LABORATORY EXPERIMENTS.

Professor SENIER, PH.D.

1. A solid. Identify it. (Ammonium chloride).
2. A solution. Search for three basic radicals. (Mercuric-mercury, Aluminium and Magnesium).
3. A solid. Identify it. (Potassium hydrogen carbonate).

State the results at which you arrive, together with the full experimental proof.

Marks will be given for excellence in manipulative skill.

MATHEMATICS—October, 1893.

Professor ALLMAN, LL.D., F.R.S.

1. Determine the curves represented by the equations :

$$(a.) \quad \sqrt{x+a} - \sqrt{y+b} = a+b;$$

$$(b.) \quad y^2 - x^2 - 2by = 0.$$

2. Find the locus of the centre of a conic passing through four given points, and determine the number of parabolas which can be so described.

3. If an equilateral hyperbola circumscribe a triangle, prove that it will also pass through the intersection of its perpendiculars.

4. Assuming that $\left(1 + \frac{1}{x}\right)^x$ as x increases indefinitely, approaches a given limit e , determine the differential coefficients of $\log_a x$ and of a^x .

5. Differentiate—

$$\frac{(1+x^2)^{\frac{1}{2}}}{(3-2x)^{\frac{1}{2}}}; \log \sqrt{\frac{a \cos x - b \sin x}{a \cos x + b \sin x}}; \cos^{-1} \frac{b + a \cos x}{a + b \cos x}; x.$$

4. What is known of the deep centres of the oculomotor and hypoglossal nerves respectively ?

5. What is Golgi's method of investigating the histology of the nervous system ? What results have been obtained by Cajal ?

6. What abnormalities may occur (1) in the renal artery ? (2) in the position or shape of the kidneys ?

7. What homologies have been sought to be established between the nervous system of vertebrata and that of arthropoda ?

8, 9, 10. Write notes, accompanied by diagrams, on these specimens.

11, 12. Write notes on these instruments, stating what is their construction, and to what uses are they applied.

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