

CALENDAR  
OF  
DALHOUSIE COLLEGE  
AND  
UNIVERSITY,

HALIFAX, NOVA SCOTIA.

1895-96.



HALIFAX:  
PRINTED FOR THE UNIVERSITY BY THE NOVA SCOTIA PRINTING CO.  
1895.

1895-6.

TIME TABLE—FACULTIES OF ARTS AND SCIENCE.

| Years.       | Hours.                                       | Monday.  | Tuesday.   | Wednesday.  | Thursday.  | Friday.  |
|--------------|--|--|--|---|--|--|
|              |  | First Year.  | 9 English.<br>10 Latin.<br>11 Mathematics.<br>12 2nd German.<br>2 1st German.  | Inorg. Chem.<br>Greek.<br>Mathematics.<br>Botany.<br>2nd French.<br>1st French.   | Inorg Chem.<br>Latin.<br>Mathematics.<br>2nd German.<br>1st German.  | English.<br>Greek.<br>Mathematics.<br>Botany.<br>2nd French.<br>1st French.  |
| Second Year. | 9<br>10<br>11<br>12<br>2<br>4                | Mathematics.<br>Latin.<br>English.<br>2nd German.<br>Junior Phil.  | 3rd French.<br>Mathematics<br>Greek.<br>Jun. Physics.<br>2nd French.   | Junior Phil.<br>Mathematics.<br>Latin.<br>English.<br>2nd German.   | 3rd French.<br>Mathematics.<br>Greek.<br>Junior Physics<br>2nd French.   | Mathematics.<br>Latin.<br>Jun. Physics.<br>English.<br>2nd German.<br>Junior Phil.   |
| Third Year.  | 9<br>10<br>11<br>12<br>2<br>3<br>4<br>5      | 3rd German.<br>Org. Chem.<br>Sen. Physics.<br>Senior Phil.<br>History.<br>Latin.<br>Adv. Math.<br>1st German.<br>Mor. Philos.  | 3rd French.<br>Const. Hist.<br>Adv. Classics.<br>Greek (1st yr)<br>Pol. Economy<br>App. Mechan.<br>Jun. Physics.<br>Greek (3rd yr)<br>Botany.<br>2nd French.<br>1st French.<br>Adv. Philos.<br>Sen. English. | 3rd German.<br>Sen. Physics.<br>Senior Phil.<br>History.<br>Latin.<br>Adv. Math.<br>1st German.<br>Hist. Educa.<br>The. Educa.      | 3rd French.<br>Const. History.<br>Org. Chem.<br>Greek (1st yr)<br>Pol. Economy.<br>App. Mechanics.<br>Junior Physics.<br>Greek (3rd year)<br>Botany.<br>2nd French.<br>1st French.<br>Adv. Philos. | 3rd German.<br>History.<br>Pol. Economy.<br>App. Mechanics.<br>Jun. Physics.<br>Adv. Classics.<br>Adv. Math.<br>1st German.<br>Mor. Philos.<br>Sen. English. |
| Fourth Year. | 9<br>10<br>11<br>12<br>1<br>2<br>3<br>4<br>5 | 3rd German.<br>Org. Chem.<br>Senior Phil.<br>Const. Law.<br>Sen. Physics.<br>Adv. Physics.<br>Latin.<br>Botany<br>Adv. Math.<br>2nd German.<br>Mor. Philos.<br>Sen. English. | 3rd French.<br>Adv. Classics.<br>Pol. Economy<br>App. Mechan.<br>History.<br>Greek (2nd yr)<br>Greek (4th yr)<br>Botany<br>Adv. Math.<br>2nd French.<br>Adv. Philos.<br>Sen. English.                        | 3rd German.<br>Senior Phil.<br>Sen. Physics.<br>Adv. Physics.<br>Latin.<br>Contracts.<br>2nd German.<br>Hist. Educa.<br>The. Educa. | 3rd French.<br>Org. Chem.<br>Pol. Economy.<br>Const. Law.<br>App. Mechanics.<br>History.<br>Greek (2nd yr.)<br>Greek (4th yr.)<br>Botany.<br>Adv. Math.<br>2nd French.<br>Adv. Philos.             | 3rd German.<br>History.<br>Adv. Classics.<br>Contracts.<br>Adv. Math.<br>Adv. Math.<br>2nd German.<br>Mor. Philos.<br>Sen. English.                          |

N. B.—The days and hours of meeting of classes not mentioned in this Time Table will be arranged at the opening of the session.

Practical Chemistry (in Laboratory) daily (except Sundays and holidays) from 9 A. M. to 1 P. M.

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# CONTENTS.

|   | PAGE |   | PAGE |
|---|------|---|------|
| University Almanac .....                      | 3    | Admission <i>ad eundem Gradum</i> ..... | 78   |
| Historical Sketch .....                       | 6    | Academic Costume .....                  | 78   |
| Benefactors .....                             | 9    | Fees .....                              | 78   |
| Board of Governors.....                       | 14   |   |      |
| Senatus Academicus .....                      | 14   |   |      |
| Academic Staff .....                          | 15   |   |      |
| <b>FACULTY OF ARTS :</b>                      |      |   |      |
| Courses of Instruction .....                  | 17   | Courses of Lectures.....                | 79   |
| The Academic Year .....                       | 33   | Academic Year.....                      | 83   |
| Admission of Students .....                   | 33   | Admission of Students .....             | 83   |
| Degrees .....                                 | 33   | Degree of LL. B. ....                   | 83   |
| Junior Matriculation Examination .....        | 34   | Course of Study for LL. B. ....         | 84   |
| Senior Matriculation Examination .....        | 36   | Sessional Examinations .....            | 84   |
| B. A. and B. L. Courses.....                  | 38   | Moot Courts.....                        | 85   |
| Special Courses .....                         | 41   | Academic Costume .....                  | 85   |
| Attendance .....                              | 47   | Library .....                           | 85   |
| Examinations .....                            | 47   | Fees .....                              | 86   |
| Degrees with Distinction.....                 | 49   |   |      |
| "    "    Honours .....                       | 49   |   |      |
| Short Courses .....                           | 49   |   |      |
| Extra Classes .....                           | 51   |   |      |
| Medals, Prizes and Scholarships.....          | 51   |   |      |
| 1851 Exhibition Science Scholarship .....     | 53   |   |      |
| Residence .....                               | 53   |   |      |
| Church Attendance.....                        | 53   |   |      |
| Discipline .....                              | 53   |   |      |
| Degrees of M. A. and M. L. ....               | 53   |   |      |
| Degree of LL. D. ....                         | 55   |   |      |
| Admission <i>ad eundem Gradum</i> .....       | 55   |   |      |
| Academic Costume .....                        | 55   |   |      |
| Fees .....                                    | 55   |   |      |
| <b>FACULTY OF PURE AND APPLIED SCIENCE :</b>  |      |   |      |
| Courses of Instruction .....                  | 57   |   |      |
| The Academic Year .....                       | 66   |   |      |
| Admission of Students .....                   | 66   |   |      |
| Degrees .....                                 | 66   |   |      |
| Matriculation Examinations.....               | 66   |   |      |
| B. Sc. Courses .....                          | 67   |   |      |
| Special Courses for B. Sc. ....               | 69   |   |      |
| Attendance .....                              | 72   |   |      |
| Examinations .....                            | 72   |   |      |
| General Distinction .....                     | 72   |   |      |
| Honours .....                                 | 72   |   |      |
| Short Courses .....                           | 72   |   |      |
| L. E. Diploma .....                           | 73   |   |      |
| Artizans' Classes .....                       | 74   |   |      |
| Medals, Prizes and Scholarships.....          | 74   |   |      |
| 1851 Exhibition Science Scholarship .....     | 74   |   |      |
| Residence, etc.....                           | 76   |   |      |
| B. E. and M. Sc. Degrees .....                | 76   |   |      |
| <b>FACULTY OF LAW :</b>                       |      |   |      |
| <b>FACULTY OF MEDICINE :</b>                  |      |   |      |
| <b>INSTITUTIONS :</b>                         |      |   |      |
| <b>UNIVERSITY LISTS :</b>                     |      |   |      |
| <b>APPENDIX—EXAMINATION PAPERS, 1893-94 :</b> |      |   |      |

(For Errata see page 137.)

# UNIVERSITY ALMANAC, 1895-96.

1895.

- Aug. 26, M. —Last day for receiving notices of Supplementary and Matriculation Examinations (Faculty of Law).
- Sept. 3, Tu. —Session (Law Faculty) begins.—Matriculation and Supplementary Examinations (Law Faculty).—Registration and payment of class fees (Law Faculty).—Meeting of Law Faculty, 4 P. M.
- 4, W. —Lectures (Law Faculty) begin.
- 6, F. —Meeting of Senate, 11 A. M.
- “ “ —Meeting of Faculty of Arts, 11 A. M.
- 9, Tu. —3 P. M., Registration of Candidates for Matriculation and Scholarship Examinations (Arts and Science Faculties).
- 11, W. —Session (Arts and Science Faculties) begins.—Examinations begin for Junior and Senior Matriculation (Arts and Science Faculties), and for Young and Professors' Scholarships, Mackenzie Bursary, and N. B. Alumni Prize: 9.45 A. M., Latin.—3 P. M., Greek.
- 12, Th. —10 A. M., Geometry.—3 P. M., Arithmetic and Algebra.
- 13, F. —10 A. M., History and Geography.—3 P. M.—English.
- 14, Sa. —10 A. M., French.—3 P. M., German.
- 16, M. —10 A. M., Chemistry.—3 P. M., Botany.
- “ “ —Supplementary Examinations (Arts, Science and Medical Faculties) begin, 10 A. M.
- 17, Tu. —Intimation as to elective subjects to be made by undergraduates of 3rd and 4th years, Arts Faculty, on or before this day.
- 18, W. —Meetings of Faculties of Arts and Science, 9 A. M.
- “ “ —CONVOCATION, 3 P. M.—Opening Address by Prof. George Lawson, LL.D.
- 19, Th. —Matriculation, Registration and Gymnasium Tickets issued at hours specified in notice in College Hall (Arts and Science Faculties).
- “ “ —Lectures begin (Arts and Science Faculties).
- 30, M. —Registration and payment of Class Fees (Medical Faculty).
- Oct. 2, W. —Lectures begin (Medical Faculty).
- 9, W. —Final Matriculation Examinations (Arts and Science Faculties) begin:
- 3 P. M., English, History and Geography.
- 10, Th. — 3 P. M., Classics and Modern Languages.
- 11, F. — 3 P. M., Mathematics.
- 12, Sa. — 10 A. M., Chemistry; 3 P. M., Botany.
- 15, Tu. —Meeting of Faculties of Arts and Science, 1 P. M.
- 17, Th. —Meeting of Faculties of Arts and Science, 4 P. M.
- 18, F. —Returns as to residence and church attendance to be made on or before this day.
- Nov. — Th.—Thanksgiving Day.—No lectures.
- F. —George Munro Day.—No lectures.

- Dec. 11, W.—Last day of lectures (Arts and Science Faculties).  
 13, F. —Christmas Examinations (Arts and Science Faculties) begin:  
     9.00 A. M., Junior Philosophy.  
     11.15 A. M., History (3rd year).  
     3.30 P. M., Senior Philosophy.  
 16, M. — 8.45 A. M., Latin.  
     11.15 A. M., French.  
     3.30 P. M., Botany.  
 17, Tu.— 9.00 A. M., German.  
     11.15 A. M., Mathematics (1st and 2nd years), Senior Physics.  
     3.30 P. M., English (1st year), Moral Philosophy.  
 18, W.— 9.00 A. M., Political Economy, Classical History and  
     Geography.  
     11.15 A. M., English (2nd, 3rd and 4th years).  
     3.30 P. M., Chemistry (Inorganic and Organic).  
 19, Th.— 9.00 A. M., Greek.  
     11.15 A. M., History (4th year), Jun. Physics, App. Mechanics.  
     3.30 P. M., Mathematics (1st and 2nd years).  
 20, F. —No lectures.—Christmas Vacation begins.

## 1896.

- Jan. 8, W.—Lectures resumed.  
 31, F. —Meeting of Senate, 4 P. M.  
 Feb. 14, F. —Last day of lectures (Law Faculty).  
 17, M. —Sessional Examinations (Law Faculty) begin:  
     10.00 A. M., Constitutional History, International Law.  
     2.30 P. M., Constitutional Law, Shipping.  
 18, Tu.— 10.00 A. M., Crimes, Equity.  
     2.30 P. M., Bills and Notes.  
 19, W.—Ash Wednesday.—No lectures.  
 20, Th.— 10.00 A. M., Torts, Procedure.  
     2.30 P. M.—Real Property (2nd Year).  
 21, F. — 10.00 A. M., Partnership.  
     2.30 P. M., Real Property.  
 22, Sa.— 10.00 A. M., Contracts, Conflict of Laws.  
 March 2, M. —Last day for receiving M. A. Theses.  
 27, F. —Last day for receiving applications for Primary and Final  
     M. D., C. M. Examinations.  
 April 2, Th.—Last day of lectures (Faculty of Medicine).  
 3, F. —Good Friday.—No lectures.  
 4, Sa.—Class certificates (Medical Faculty) issued on presentation  
     of class-fee receipts at Registrar's Office, Dalhousie  
     College, 10 A. M.  
 6, M. —Class certificates (Halifax Medical College) issued on pre-  
     sentation of class-fee receipts at Secretary's Office  
     (H. M. Coll.)  
 " " —Primary and Final M. D., C. M. Examinations begin:  
     10 A. M., Practical Chemistry.  
 7, Tu.— 3—6 P. M., Physiology, Materia Medica and Thera-  
     peutics.  
 " " —Last day of lectures (Arts and Science Faculties).—Last day  
     for returning books to the University Library.—Meeting  
     of Faculties of Arts and Science, 4 P. M.  
 8, W.— 9 A. M., Botany.  
     3—6 P. M., Medicine.  
 9, Th.— 3—6 P. M., Chemistry (Junior and Senior), Medical  
     Jurisprudence and Hygiene.

- April 9, Th.—Spring Examinations (Arts and Science Faculties) begin:  
 10.00 A. M., Practical Chemistry.  
 3.00 P. M., History (3rd year).
- 10, F. — 3–6 P. M., Surgery.  
 8.45 A. M., Latin.  
 11.15 A. M., French.  
 3.00 P. M., Practical Physics.
- 11, Sa.— 9.00 A. M., Junior and Senior Philosophy.
- 13, M. — 3–6 P. M., Anatomy (Junior and Senior).—Oral Exams., Materia Medica and Therapeutics, Med. Jurisprudence and Hygiene.  
 9.00 A. M., English (2nd, 3rd and 4th years).  
 11.15 A. M., Additional French.  
 3.00 P. M., Additional Sen. Philosophy, Surveying.
- 14, Tu.— 3–6 P. M., Obstetrics and Diseases of Women and Children.—Oral Exam., Botany.  
 9.00 A. M., Botany (Arts and Science Faculties).  
 11.15 A. M., Mathematics, Senior Physics.  
 3.00 P. M., Additional Latin, Civil Engineering.
- 15, W.— 3–6 P. M., Clinical Medicine (at Victoria Gen. Hosp.), and Histology.—Oral Exam., Anatomy (Senior).  
 9.00 A. M., English (1st year), Addl. Junior Philosophy, Addl. English (3rd and 4th years).  
 11.15 A. M., Political Economy, Mineralogy.  
 3.00 P. M., Chemistry, Inorganic and Organic.
- 16, Th.— 3–6 P. M., Clinical Surgery (at Victoria Gen. Hosp.)—Oral Exam., Chemistry (Senior).  
 9.00 A. M., Greek, Mining.  
 11.15 A. M., History (4th year), Jun. Physics, App. Mechanics.  
 3.00 P. M., Additional Greek (1st and 2nd years).
- 17, F. — 3–6 P. M., Oral Exam., Surgery, Medicine, Obstetrics and Diseases of Women and Children, Physiology (including Histology).  
 9.00 A. M., Mathematics, Additional Senior Physics.  
 11.15 A. M., Additional Junior Physics.  
 3.00 P. M., Additional Greek (3rd and 4th years), Additional English (1st and 2nd years).
- “ “ —Meeting of Faculty of Medicine, 8 P. M.
- 20, M. — 9.00 A. M., German.  
 11.15 A. M., Additional Mathematics.  
 3.00 P. M., Moral Philosophy.
- “ “ —Results of Examinations (Faculty of Medicine) declared.
- 21, Tu.— 9.00 A. M., Additional Moral Philosophy.  
 11.15 A. M., Additional German.  
 3.00 P. M., Additional Political Economy.
- 25, Sa.—Meeting of Faculties of Arts and Science, 10 A. M.
- 27, M. —Meeting of Senate, 10.00 A. M.—Results of Examinations (Faculties of Arts and Science) declared.
- 28, Tu.—CONVOCATION, 3 P. M.

N. B.—Dates for Examinations in Special Courses will be arranged by Professors.

## HISTORICAL SKETCH.

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DALHOUSIE COLLEGE was founded by the Right Honourable George Ramsay, Ninth Earl of Dalhousie, in 1821, "for the education of youth in the higher branches of science and literature."

The original endowment was derived from funds collected at the port of Castine, in Maine, during its occupation in 1814 by Sir John C. Sherbrooke, then Lieutenant-Governor of Nova Scotia. These funds the British Government authorized the Earl of Dalhousie, Sir John's successor, to expend "in defraying the expenses of any improvement which it might seem expedient to undertake in the Province;" and the Earl, believing that "a Seminary for the higher branches of education is much needed in Halifax—the seat of the Legislature—of the courts of justice—of the military and mercantile Society," decided upon "founding a College or Academy on the same plan and principle of that at Edinburgh," "open to all occupations and sects of religion, restricted to such branches only as are applicable to our present state, and having the power to expand with the growth and improvement of our society."

The original Board of Governors consisted of the Governor-General of British North America, the Lieutenant-Governor of Nova Scotia, the Bishop, the Chief Justice and President of Council, the Provincial Treasurer and the Speaker of the House of Assembly.

After unsuccessful efforts on the part of both the British Government and the Board of Governors to effect a union with King's College, the only other then existing in the Province, this College went into operation in 1838, under the Presidency of the Rev. Thomas McCulloch, D. D., and with a staff of three Professors.

By an Act passed in 1841, University powers were conferred on the College, and the appointment of the Governors was vested in the Lieutenant-Governor and Council.

In 1843 President McCulloch died; and in 1845, the College was closed, the Governors considering it "advisable to allow the funds of the institution to accumulate."

In 1848, an Act was passed authorizing the Lieutenant Governor and Council to appoint a new board of Governors "to take such steps for rendering the institution useful and efficient as to His Excellency may seem fit." This Board, from 1849 to 1859, employed the funds of the University to support a High School.

In 1856, the Arts department of the Gorham College, Liverpool, N. S., was transferred to this College "with a view to the furtherance of the establishment of a Provincial University," and an attempt was made to conduct the Institution as a University under the Act of 1841. This union, however, came to an end in 1857.

In 1863 the College was re-organized under the following Act :

*An Act for the Regulation and Support of Dalhousie College.*

(Passed the 20th day of April, A. D., 1863.)

WHEREAS, it is expedient to extend the basis on which the said College is established, and to alter the constitution thereof, so as the



benefits that may be fairly expected from its invested capital and its central position may, if possible, be realized, and the design of its original founders, as nearly as may be, carried out,

*Be it enacted by the Governor, Council, and Assembly as follows :-*

1. The Board of Governors now appointed, consisting of the Honorable William Young, the Honorable Joseph Howe, Charles Tupper, S. Leonard Shannon, John W. Ritchie, and James F. Avery, Esquires, shall be a body politic and corporate by the name and style of the Governors of Dalhousie College at Halifax, and shall have and exercise all usual powers and authorities as such, and have the title, control and disposition of the buildings on the Parade, at Halifax, and of the property and funds belonging to the said College, and held for the use thereof, by the present Governors : and all vacancies at the Board shall be filled up on recommendations of the remaining members thereof by the Governor-in-Council ; and any of the Governors shall be removable by the Governor-in-Council, at the instance of the Board of Governors.

2. Whenever any body of Christians, of any religious persuasion whatsoever, shall satisfy the Board that they are in a position to endow and support one or more chairs or professorships in the said College, for any branch of literature or science, approved of by the Board, such body in making such endowment, to the extent of twelve hundred dollars a year, shall have a right, from time to time, for every chair endowed, to nominate a Governor to take his seat at the Board with the approval of the Board of Governors and of the Governor-in-Council, and shall also have a right, from time to time, to nominate a Professor for such chair, subject to the approval of the Board of Governors ; and in the event of the death, removal, or resignation of any person nominated under this section, the body nominating shall have the power to supply the vacancy thus created.

3. The same right of nominating a Professor from time to time shall belong to any individual or number of individuals, who shall endow to the same extent and support a chair or professorship, and to the nominee of any testator by whose will a chair or professorship may be so endowed.

4. The Governors shall have power to appoint, and to determine the duties and salaries of the President, Professors, Lecturers, Tutors, and other officers of the College, and from time to time to make statutes and by-laws for the regulation and management thereof, and shall assemble together as often as they shall think fit, and upon such notice as to them shall seem meet, and for the execution of the trust hereby reposed in them.

5. The said College shall be deemed and taken to be a University, with all the usual and necessary privileges of such institutions ; and the students shall have liberty and faculty of taking the degrees of bachelor, master, and doctor, in the several arts and faculties at the appointed times ; and shall have liberty within themselves of performing all scholastic exercises for the conferring of such degrees, and in such manner as shall be directed by the statutes and by laws.

6. No religious tests or subscriptions shall be required of the professors, scholars, graduates, students, or officers of the College.

7. The internal regulations of the said College shall be committed to the Senate Academicus, formed by the respective chairs or professorships thereof, subject in all cases to the approval of the Governors.

8. The Legislature shall have power, from time to time, to modify and control the powers conferred by this Act.

9. The Acts heretofore passed in relation to Dalhousie College are hereby repealed, except the Act passed in the fourth year of his late Majesty King George the Fourth, entitled, "An Act authorizing the lending of a sum of money to the Governors of Dalhousie College, and for securing the repayment thereof."

This Act was afterward amended by the following Acts :—

*An Act to amend the Act for the Regulation and Support of Dalhousie College.*

(Passed the 6th day of May, A. D., 1875.)

*Be it enacted by the Governor, Council, and Assembly, as follows :—*

1. The present Board of Governors, consisting of nine persons, shall be increased to a number not exceeding fifteen; and the Board shall be filled up with new nominations made on the same principle as set forth in the first section of the Act hereby amended; and any of the Governors shall be removable, as heretofore, by the Governor-in-Council.

2. The Governors shall have power to affiliate to Dalhousie College any other College desirous of such affiliation, or any schools in arts, in theology, in law, or in medicine, and to make statutes for such affiliations, and for the regulation and management thereof, on the same principles as obtain in other Universities, and to vary and amend such statutes from time to time. Provided always, that such statutes of affiliation, before they go into effect, shall be submitted to and receive the sanction of the Governor-in-Council.

3. So much of Chapter 24 of the Acts of 1863, entitled, "An Act for the Regulation and Support of Dalhousie College," or of any other Act, as is inconsistent with this Act, is repealed.

*An Act to provide for the Organization of a Law Faculty in connection with Dalhousie College and for other purposes.*

(Passed the 14th day of April, A. D., 1881.)

*Be it enacted by the Governor, Council, and Assembly, as follows :—*

1. The Governors of Dalhousie College at Halifax, shall, in addition to the powers conferred on them by section 2 of chapter 27 of the Acts of 1875, entitled, "An Act to amend the Act for the Regulation and Support of Dalhousie College," have power to organize a Faculty of Law in connection with such College; and to appoint professors or lecturers in law, and out of the revenues of the College to provide for the maintenance and support of such Faculty, and to make rules for the regulation and management of such Faculty, and for the granting of degrees in law on the same principles as obtain in other universities, and to vary and amend such rules from time to time.

2. Section 3 of chapter 24 of the Acts of 1863, entitled, "An Act for the regulation and support of Dalhousie College," is amended by adding the words "and governor" after the word "professor" in the said section, and any individual who has hitherto endowed a Chair or Chairs in the College shall have a right to nominate a governor for each Chair endowed, in the same way as if section 3 aforesaid had been originally passed as now amended.

3. Section 1 of the said chapter 27 of the Acts of 1875 is amended by adding the words " provided, however, that in the event of any body of Christians, individual, or number of individuals, endowing and supporting one or more Chairs or professorships in the said College, as provided by sections 2 and 3 of the Act hereby amended, and of such body of Christians or individuals nominating a professor or governor by virtue thereof, the number of governors may be increased beyond fifteen, but such increase shall be limited to the number of such chairs or professorships as may after the passing of this Act be founded by virtue of said sections 2 and 3."

In pursuance of the Act of 1863, the Presbyterian Church of the Lower Provinces closed their College, and agreed to support two chairs in this University; the Synod of the Maritime Provinces in connection with the Church of Scotland, founded one chair; and the College opened in that year, under the Principalship of Rev. James Ross, D.D., and with an Arts Faculty of six Professors.

In 1868, a Faculty of Medicine was organized, which, in 1875, developed into the Halifax Medical College. In 1885 the Faculty was re-organized.

In 1883 the Faculty of Law, and, in 1891, the Faculty of Pure and Applied Science, were added.

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In 1879, GEORGE MUNRO, Esq., of New York, a native of this Province, placed in the hands of the Governors the funds necessary for the endowment of a Professorship of Physics. In 1881 he established a Professorship of History and Political Economy. In 1882, he founded a chair of English Language and Literature. In 1883 he added to the staff of the College a Professor of Constitutional and International Law. In 1884 he founded a Professorship of Metaphysics. From 1883 till 1890, he provided Tutors in Classics and Mathematics. From 1880 to 1894 he provided the University with Exhibitions and Bursaries, to the amount of \$83,148.69, which, according to his own desire, were so offered for competition as to stimulate to greater activity and efficiency the High Schools and Academies of Nova Scotia and the neighboring Provinces.

The Governors desire to place on permanent record their high sense of Mr. Munro's enlightened public spirit, and their gratitude to him for the munificent manner in which he has come to their help in the work of building up an unsectarian University in Nova Scotia.

To connect the donor's name for all time with the benefits thus conferred both on the University and on his native country, the chairs which he has founded shall be called the GEORGE MUNRO CHAIRS OF PHYSICS, OF HISTORY AND POLITICAL ECONOMY, OF ENGLISH LANGUAGE AND LITERATURE, OF CONSTITUTIONAL AND INTERNATIONAL LAW, and OF PHILOSOPHY respectively.

In 1883, ALEXANDER MCLEOD, Esq., of Halifax, bequeathed to the University the residue of his estate. The following is an extract from his will :—

" All the residue of my estate I give and bequeath to the Governors of Dalhousie College or University in the City of Halifax in Trust, that the same shall be invested and form a fund to be called the McLeod University Fund, and the interest and income of which shall be applied to the endowment of three or more professorial chairs in said College as they may deem proper; but this bequest is made upon these conditions, namely, that if at any time the said College or University should cease to exist, or be closed for two years, or be made a sectarian

college, then and in any such case, the said fund and all accumulations thereof shall go the said Synod of the Maritime Provinces of the Presbyterian Church in Canada to be used for the purposes of higher education in connection with said Synod, and it is further stipulated that no part of this fund shall ever be used, either by said Governors of Dalhousie College or by the said Synod, as a collateral security under any circumstances whatever."

According to the provisions of the will, the McLEOD CHAIRS of CLASSICS, CHEMISTRY and MODERN LANGUAGES were founded.

In 1886, SIR WILLIAM YOUNG, one of the oldest and best friends of the College, subscribed \$20,000 to start a Building Fund. In 1887, Sir William Young bequeathed to the University half the residue of his estate, together with a Prize Fund of \$4,000, and the amount remaining unpaid of his subscription to the Building Fund. The following are extracts from his will:—

"I bequeath to the Governors of Dalhousie College at Halifax, the sum of \$4,000 to be kept continually invested by them, and that they shall apply the income derived therefrom in founding and maintaining a prize of a gold medal of the value of \$50, to be called Sir William Young's medal, and to be annually awarded for scholastic eminence, and to have the recipient's name engraved thereon, with the year of his attendance at College, and in founding and maintaining such other prizes for distribution among the students of said College as the Governors may from time to time approve.

"Having agreed and promised to the Governors of Dalhousie College to pay them the sum of \$20,000 to aid in the erection of their building now in progress, I direct my executors to pay the said sum from time to time as it may be required by the said Governors.

"All the rest and residue of my estate I direct my executors to divide into two even and equal parts or shares, and to pay over one such part or share to \* \* \*, and the other part or share to the Governors of Dalhousie College at Halifax, for the general purposes of said College.

"In the event of my having paid to Dalhousie College during my life-time any part of said sum of \$20,000 hereinbefore mentioned, as agreed to be paid by them to aid in the erection of the college buildings, I do direct my executors to pay to said Governors the balance only, if any, that may be due on said sum at the time of my decease."

In 1887, by the will of the late J. F. AVERY, M. D., of Halifax, the following bequest was made to the College:—

"I give and bequeath the sum of \$500 to Dalhousie College in the City of Halifax, to be at the disposal of the Senatus of the said College, and the interest thereof to be appropriated for an annual prize.

In 1887, by the will of the late MRS. HARRIET ELIZABETH MACKENZIE, or MORRISON, of Stornoway, Scotland, formerly of Pictou, N. S., the following bequest was made to the College:—

"To Dalhousie College, £1,000 for founding a bursary for students attending said College, subject to such conditions and regulations as the governing body of said College may appoint, but with this proviso that said bursary shall be called the 'Mackenzie Bursary,' and that students of the name of Mackenzie, Maclean and Fraser shall have a preference to the selection of beneficiaries therefor."

In 1890, by the will of the late JOHN P. MOTT, Esq., of Halifax, the following bequest was made to the College :—

“I give and bequeath to the Board of Governors of Dalhousie College, or to such individuals or organization in whom or in which the control of such College shall be legally vested, the sum of ten thousand dollars, to be legally invested by the said Governors, individuals, or organization, and the proceeds applied for the benefit of such College, so long as it shall remain and continue to be a non-sectarian institution as at present.

The following donations have been made to the Endowment Fund :

Hon. Sir William Young, W. J. Stairs, Esq., Hon. Stayley Brown, John Gibson, Esq., John P. Mott, Esq., Wm. P. West, Esq., Thomas A. Ritchie, Esq., and Hon. Robert Boak, \$1,000 each ; Adam Burns, Esq., Peter Jack, Esq., Hon. Jeremiah Northup, Prof. Lawson, and Alex. McLeod, Esq., \$500 each.

The following subscriptions have been made to the Building Fund :

Rev. Louis H. Jordan, \$1,000 ; John Doull, John S. Maclean, R. Sedgewick, \$750 each ; Thomas Bayne, John McNab, Adam Burns, Hon. R. Boak, Dr. Avery, \$500 each ; President Forrest, \$375 ; James Forrest, \$300 ; Prof. John Johnson, Peter Jack, William Miller, Prof. Macdonald, \$250 each ; Prof. MacGregor, A. & W. Mackinlay, \$225 each ; Prof. Alexander, Judge Graham, \$200 each ; James Scott, R. B. Seeton, Rev. John McMillan, Wm. Robertson, J. C. Mackintosh, H. McD. Henry, John Y. Payzant, Pearson, Morrison & Forbes, \$150 each ; J. J. Stewart, \$120 ; Rev. E. Scott, Peter Ross, H. W. C. Boak, Pictou Academy, \$100 each ; Wm. B. Wallace, Arthur Drysdale, E. L. Newcombe, Alfred Costley, H. W. Barnes, Hugh McKenzie, \$75 each ; W. C. Silver, Graham Fraser, \$50 each ; E. McKay, \$30 ; J. M. Stewart, \$25 ; Rev. A. Falconer, \$20 ; J. H. Sinclair, Dr. J. Stewart, \$10 each. In all \$10,640.

The following donations have been made from time to time to meet current expenses :

Hon. Sir William Young, \$500 ; John Doull, Esq., \$400 ; J. S. Maclean, Esq., \$300 ; J. F. Avery, Esq., M. D., S. Fleming, Esq., C.M.G., Rev. Principal Grant, D.D., W. J. Stairs, Esq., Thos. Bayne, Esq., John Gibson, Esq., Rev. J. McMillan, B. D., and John McNab, Esq., \$200 each ; James Scott, Esq., and A. K. Mackinlay, Esq., \$180 each ; Hon. Robert Boak, and the Medical Faculty, \$160 each ; Rev. President Forrest, D. D., Hon. A. G. Jones and Geo. Thomson, Esq., \$150 each ; A. Burns, Esq., \$125 ; J. J. Bremner, Esq., \$120 ; B. H. Collins, Esq., J. Donaldson, Esq., Prof. J. DeMille, Prof. J. Johnson, Prof. G. Lawson, Prof. J. Liechti, Alex. McLeod, Esq., Robt. Morrow, Esq., Hon. Jeremiah Northup, Joseph Northup, Esq., T. A. Ritchie, Esq., Rev. Principal Ross, D. D., Ed. Smith, Esq., R. H. Skimmings, Esq., John Stairs, Esq., James Thomson, Esq., and Hon. Sir Charles Tupper, \$100 each ; J. W. Carmichael, Esq., C. D. Hunter, Esq., Major General Laurie, Messrs. Lawson, Harrington & Co., Prof. C. Macdonald, J. P. Mott, Esq., and Hon. Judge Ritchie, \$80 each ; G. P. Mitchell, Esq., and Hon. S. L. Shannon, \$60 each ; J. B. Duffus, Esq., R. W. Fraser, Esq., Peter Jack, Esq., and W. H. Neal, Esq., \$50 each ; with smaller sums amounting to \$1,349.

The following donations have been made from time to time for the purpose of providing scientific apparatus :

Hon. Sir William Young, \$500 ; Alumni Association, \$460 ; Prof. J. G. MacGregor, \$200 ; J. F. Avery, Esq., M. D., Thomas Bayne, Esq., Hon. R. Boak, Alex. McLeod, Esq., John McNab Esq., Hon. Jeremiah Northup, W. J. Stairs, Esq., and W. P. West, Esq., \$100 each ; Thos. A. Brown, E-q., Messrs. Doull & Miller, Messrs. Esson & Co., John Gibson, Esq., Peter Jack, Esq., Prof. G. Lawson, J. S. Maclean, Esq., Robert Morrow, Esq., Hon. J. W. Ritchie, James Thomson, Esq., and a Friend, \$50 each ; with smaller sums amounting to \$645.

The Governors and Alumni are now endeavoring to raise an additional endowment and also a special five years fund to meet current expenses. The following sums have been subscribed :

For Endowment—Thomas E. Fraser, \$600 ; James W. Carmichael, Prof. MacDonald, Prof. Lawson, Prof. Weldon, Prof. Murray, \$500 each ; D. C. Fraser, M. P., J. M. Carmichael, George F. McKay, \$250 each ; Sinclair & Patterson, \$240 ; Hugh McKenzie, C. H. Cahan, \$200 each ; J. F. McLean, \$150 ; Israel Longworth, R. J. Turner, George Campbell, Mrs. J. R. Dickie, J. C. Mahon, H. T. Sutherland, Senator McKay, \$100 each ; C. A. Robson, \$75 ; Dr. Burns, \$60 ; Angus Chisholm, J. Heyward McGregor, P. A. McGregor, S. Fraser, J. H. McKay, W. R. Campbell, W. S. Muir, M. D., Martin Dickie, D. H. Smith, Angus Murray, F. A. Laurence, M. P. P., Wm. McDonald, W. H. Magee, B. A., \$50 each ; Rev. Dr. McCulloch, Rev. T. Cumming, Rev. A. B. Dickie, Donald Grant, Harvey Graham, E. B. Smith, C. M. Dawson, G. Clish, J. P. Archibald, T. E. McLelan, \$25 each ; J. L. Jennison, \$20 ; H. W. J., \$10.

For Current Expenses—John Doull, and Adam Burns, \$2,500 each ; W. J. Stairs, and Hon. R. Boak, \$1,250 each ; Donald Keith, \$1,000 ; W. B. Ross, \$800 ; President Forrest, \$750 ; Prof. Johnson, T. Ritchie, B. Russell, Farquhar, Forrest & Co., Class of 1893, \$500 each ; Prof. MacGregor, \$400 ; Drysdale & McInnes, D. A. Campbell, M. D., Prof. D. A. Murray, \$300 each ; R. L. Borden, Rev. John McMillan, J. C. Mackintosh, \$250 each ; J. A. Turnbull, A. H. McKay, LL D., and Prof. Liechti, \$200 each ; Geo. Campbell, M. D., \$150 ; W. Dennis, H. W. Barnes, W. & J. McDonald, \$125 each ; James Thompson, (Pictou), J. McG. Stewart, J. H. McKenzie, A. K. McLean, W. D. Cameron, G. S. Campbell, \$100 each ; E. M. McDonald, R. L. Schwartz, \$75 each ; C. M. Blanchard, Charles Morash Thos. Notting, E. P. Allison, James D. McLean, Prof. A. G. Laird, Prof. J. E. Creighton, Anderson Rogers, Victor Frazee, H. Mellish, T. J. Cahalane, A. S. Mackenzie, H. B. Stairs, George Patterson, J. A. Mackinnon, G. E. Faulkner, \$50 each ; Rev. G. M. Grant, H. S. Congdon, A. M. Morrison, Andrew Cluney, Miss Ida G. McDonald, Miss Minna Liechti, W. S. Thompson, Hedley Ross, Edward Annand, George E. Ross, Rev. G. S. Carson, P. C. C. Mooney, V. J. Paton, C. W. Lane, A. Roberts, D. Stewart, M. D., R. Currie, H. V. Jennison, R. O. Bayer, \$25 each ; A. J. McDonald, \$20 ; J. A. Grierson, \$15 ; W. W. Walsh, Rev. J. W. McLennan, \$10 each.

The work of securing subscriptions is still going on. The Alumni have secured a large number of subscriptions in New Brunswick and different parts of Nova Scotia, but the full lists have not yet been handed in. They will be published in the next Calendar.

The following contributions to the Library for the purchase of books and to meet current expenses have been made since 1892 :—Prof. J. Seth (pr ceeds of course of lectures), \$245 ; Prof. A. MacMechan (proceeds of course of lectures), \$300 ; Faculty of Arts, \$160 ; Alumni Association, \$88 ; English Class (proceeds of dramatic recitals), \$60.44 ; Friend of the College, \$5<sup>00</sup> ; H. McInnes, LL. B., \$40 ; Class of '94, \$40 ; Lecturers on Education, \$27 ; Philomathic Society, \$20.

For other benefactions, see under headings : Library, Museum, and Gymnasium.

In addition to the members of the present staff, the following have been Professors or Lecturers in the University :—

REV. THOMAS McCULLOCH, D. D., 1838-43, President and Professor of Moral Philosophy, Logic and Rhetoric.

REV. ALEXANDER ROMANS 1838-42, Professor of Classics.

REV. JAMES McINTOSH, 1838-44, Professor of Mathematics and Natural Philosophy.

REV. FREDERICK TOMPKINS, M. A., LL. D. (Lond.), now Barrister, London, G. B., 1856-7, Professor of Mathematics and Natural Philosophy.

REV. GEORGE CORNISH, M. A., LL. D., now Professor of Classics, McGill College, 1856-7, Professor of Classics.

THOMAS McCULLOCH, 1863-5, Professor of Natural Philosophy.

JOHN JAMES MCKENZIE, M. A., Ph. D., 1877-79, Professor of Physics.

HERBERT A. BAYNE, M. A., Ph. D., F. R. S. C., late Professor of Chemistry, Royal Military College, Kingston, Ont., 1877-79, Lecturer on Organic Chemistry and Chemical Analysis

JAMES DEMILLE, A. M., 1866-80, Professor of Rhetoric and History.

REV. DAVID HONEYMAN, D. C. L., F. S. A., F. R. S. C., late Provincial Geologist, 1878-83, Professor of Geology and Palæontology.

REV. JAMES ROSS, D. D., 1863-85, Principal, and Professor of Ethics.

J. G. SCHURMAN, M. A., D. Sc., now President of Cornell University, 1882-86, Professor of English Literature and Metaphysics.

HON. SIR J. S. D. THOMPSON, LL. D., late Premier of Canada and Minister of Justice, 1883-88, Lecturer on Procedure and Evidence.

HON. ROBERT SEDGEWICK, B. A., Judge of the Supreme Court of Canada, 1883-88, Lecturer on Equity Jurisprudence.

W. J. ALEXANDER, B. A., Ph. D., now Professor of English in the University of Toronto, 1884-89, Professor of English Language and Literature.

REV. WM. LYALL, LL. D., F. R. S. C., 1863-90, Professor of Philosophy.

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HON. W. GRAHAM, A. B., Judge of the Supreme Court, 1883-92, Lecturer on Insurance.

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A. H. MACKAY, B. A., B. Sc., LL. D., F. R. S. C., Superintendent of Education, 1891-92, Lecturer on Zoology.

JAMES SETH, M. A., (Edin.) ; now Prof. of Philosophy, Brown University, Providence, R. I. ; Geo. Munro Prof. Philosophy, 1885-92.

WM. B. ROSS, Q. C., 1892-94, Lecturer on Torts.

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- WILLIAM TOBIN, F. R. C. S. Ireland, *Examiner in Ophthalmology, Otology, and Laryngology.*
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- S. A. MORTON, M. A. (Dal.), *Lecturer on Descriptive Geometry.*
- HUMPHREY MELLISH, B. A., LL. B. (Dal.), *Lecturer on Torts.*
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*Curator of the Museum:* PROFESSOR LAWSON.

*Instructor in Gymnastics:* SERGEANT-MAJOR KELLY.

*Janitor:* GEORGE PRICE.

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*Registrar to the Faculty*—PROFESSOR LIECHTI.

Correspondence should be addressed :

“ *The Secretary, Faculty of Arts,*

*Dalhousie College, Halifax, N. S.* ”

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## § I.—Courses of Instruction.

### I.—CLASSICS.

(*McLeod Professorship.*)

*Professor* ..... HOWARD MURRAY, B. A.

#### First Year Latin Class.

*Mondays, Wednesdays, and Fridays, 10—11 A. M.*

Subjects of study :

Cicero: Orations against Catiline, (Wilkins', Macmillan, 2s. 6d.). Virgil: Æneid, Book V., (Calvert's, Macmillan, 1s. 6d.). \*Cicero: De Senectute, (Shuckburgh's, Macmillan, 1s. 6d.). Composition: Arnold's Latin Prose by Bradley, (Longmans, 5s.). Grammar: Syntax and Prosody, (Allen and Greenough's, Ginn, Boston, \$1.30). History: Roman History, (Smith's, Harpers, N. Y.).

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\*Students seeking a First or Second Class Distinction are examined in this additional subject. An “unseen” passage will also be set for translation.

Second Year Latin Class.

*Mondays, Wednesdays, and Fridays, 11 A. M.—12 M.*

Subjects of study :

Livy : Book I, (Stephenson's, Macmillan, 1s. 6d.). Horace : Odes, Books I and II, (Page's, Macmillan, 2s. each). \*Horace : Odes, Books III and IV, (Page's, Macmillan, 2s. each, or Books I-IV, in one vol. 5s.). Composition : Arnold's Latin Prose by Bradley ; History : Grecian History, (Smith's smaller ed., Harpers, N. Y.).

Third and Fourth Years Latin Class.

*Mondays and Wednesdays, 12 M.—1 P. M*

Subjects of study :

Plautus : Trinummus, (Freeman & Sloman's, Clarendon Press, 3s.). Juvenal : Selected Satires, (Hardy's, Macmillan, 5s.). Tacitus : Germania, (Church & Brodribb's, Macmillan, 2s.). Composition : Bennett's Second Latin Writer, (Longman's, 3s. 6d.). \*Virgil : Æneid, Books VII, VIII and IX, (Papillon & Haigh's, Clarendon Press, 3s.).

First Year Greek Class.

*Tuesdays and Thursdays, 10—11 A. M.*

Subjects of study :

Lucian : Selections, including Charon and Timon, (Abbott's, Longmans, 3s. 6d.). \*Xenophon : Symposium, Winan's, (Allyn & Bacon, Boston, \$0.50). Composition : Elementary Greek Prose Composition, by Fletcher & Nicholson, (pub. by W. Bailie, Kingston, Ont., \$1.00). Grammar : Accidence, (Goodwin's, Ginn & Co., Boston, \$1.65).

Second Year Greek Class.

*Tuesdays and Thursdays, 11 A. M.—12 M.*

Subjects of study :

Homer : Odyssey, Book IX, (Edward's, Macmillan, N. Y., \$0.60). Xenophon : Hellenica, Book II, (Underhill's, Macmillan, N. Y., \$0.75). \*Demosthenes : Olynthiacs. (Heslop's, Longmans, 2s. 6d.). Composition : Fletcher & Nicholson's.

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\*Students seeking a First or Second Class Distinction are examined in this additional subject. An "unseen" passage will also be set for translation.

**Third and Fourth Years Greek Class.**

*Tuesdays and Thursdays, 12 M.—1 P. M.*

Subjects of study :

Plato : *Apology and Crito*, (Wagner's, Geo. Bell & Sons' 2s. 6d.). Aristophanes : *The Clouds*, (Merry's, Clarendon Press, 3s.). Composition : Sidgwick's *Introduction to Greek Prose Composition*, (Longmans, 5s.). \*Aristophanes : *The Birds*, (Merry's, Clarendon Press, 3s. 6d.).

**Advanced Class.**

*Twice or three times a week.*

In this class the Latin and Greek Subjects prescribed for the Special Course in Classics are read, and Prose Composition is regularly practised.

**II.—MODERN LANGUAGES.**

*(McLeod Professorship.)*

Professor.....JAMES LIECHTI, M. A.

**First French Class.**

*Tuesdays and Thursdays, 3—4 P. M.*

Subjects of study :

Macmillan's *Progressive French Reader*, II. year, (Fasnacht). Molière : *Le Bourgeois Gentilhomme*, (Macmillan & Co.). Scribe ; *Bataille de Dames* (Macmillan & Co.). Exercises in Grammar and Composition.

Additional for a First-Class position : Saintine, *Picciola*, First 10 chapters ; or Scribe : *Bertrand et Raton*. Acts I and II ; or Octave Feuillet : *Le Roman d'un jeune homme pauvre*, First nine chapters.

*Text Books* : Brachet's *Public School Elementary French Grammar*. Other Text Books required will be announced at the opening of the Session.

**Second French Class.**

*Tuesdays and Thursdays, 2—3 P. M.*

Subjects of study :

For 1895-96. Molière's : *Les Précieuses Ridicules*. Racine : *Athalie*, (Macmillan & Co.). Corneille : *Cinna*. Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. For sight reading : Fontaine's *Fleurs de France* (D. C. Heath & Co., Boston).

For 1896-97. Molière : *L'Avare*. Racine : *Esther*. Ponsard : *Charlotte Corday*, or *L'Honneur et l'Argent*, (Macmillan & Co.). Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors.

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\*Students seeking a First or Second Class Distinction are examined in this additional subject. An "unseen" passage will also be set for translation.

Molière's *Misanthrope* (Macmillan & Co.), and either Madame de Staël's *L'Allemagne*, First 20 chapters, or Molière's *Bourgeois Gentilhomme*, III. and IV. Acts, are prescribed for private reading to candidates for a First Class position.

*Text Books* : As in First Class. Outlines of the History of French Literature (Saintsbury's Primer).

#### Third French Class.

*Tuesdays and Thursdays, 9—10 A. M.*

Subjects of study :

For 1895-96. Corneille : *Horace*. Racine : *Phèdre*. Molière : *Le Médecin malgré lui*. Translation from English writers. Original essays. Translation of unspecified passages from modern authors.

For 1896-97. Molière : *Les femmes savantes*. Racine : *Iphigénie*. Corneille : *Le Cid*. (Macmillan & Co.). Translations from English writers. Original essays. Translation of unspecified passages from modern authors.

Molière's *Tartufe*, Acts I and II, (Macmillan & Co.), and either Victor Hugo's *Les Travailleurs de la Mer*, Chapters I to V. (incl.) (Rivingtons), or Madame de Staël's *Corinne ou l'Italie*, livres I to V. (inclus.), are prescribed for private reading to candidates for a First Class position.

*Text Books* : As in Second Class. Saintsbury's Short History of French Literature.

#### First German Class.

*Mondays, Wednesdays, and Fridays, 3—4 P. M.*

Subjects of study :

Buchheim : *German Reader*, Part II. Schiller : *Wilhelm Tell* (Macmillan & Co.). Additional for a First Class position : Gustav Freytag : *Die Journalisten*, Act I, (Macmillan & Co.), or Von Hillern : *Höher als die Kirche*, (Heath & Co.), or Schiller : *Wilhelm Tell*, II. and III. Acts. Exercises in Grammar and Composition.

*Text Books* : Whitney's German Grammar (Macmillan & Co.). Other Text Books required will be announced at the opening of the Session.

#### Second German Class.

*Mondays, Wednesdays, and Fridays, 2—3 P. M.*

Subjects of study :

For 1895-96. Goethe : *Hermann und Dorothea* (Clarendon Press). Lessing : *Minna von Barnhelm* (Macmillan & Co.). Translations from English writers. Original Compositions. Translations of unspecified passages from modern authors. Buchheim's Elementary German Prose Composition (Clarendon Press).

For 1896-97. Goethe: *Egmont*. Schiller: *Maria Stuart*. (Macmillan & Co.). Translations from English passages. Original Compositions. Translation of unspecified passages from modern authors.

Schiller's *Jungfrau von Orleans*, Prolog. I Scene and Act I., and either Heine's *Prosa: Die Harzreise* (Macmillan & Co.), or Schiller's *Historische Skizzen* (Clarendon Press), are prescribed for private reading to candidates for a First Class position.

*Text Books*: As in First Class. Critical outline of the Literature of Germany by Alb. Seiss, Ph.D. (Longmans, Green & Co.).

### Third German Class.

*Mondays, Wednesdays, and Fridays, 9—10 A. M.*

Subjects of study:

For 1895-96. Lessing: *Minna von Barnhelm* (Macmillan & Co.). Goethe: *Iphigenie auf Tauris*. Prose composition. Translation of unspecified passages from modern authors.

For 1896-97. Lessing: *Nathan der Weise* (Macmillan & Co.). Goethe: *Götz von Berlichingen* (Macmillan & Co.). Prose composition. Translation of unspecified passages from modern authors.

Schiller's *Wallenstein's Tod*, Act I, 4th Scene; Act II, 2nd and 3rd Scenes; Act III, 18th Scene; (George Bell & Sons) and either Goethe's *Faust*, Part I (by Jane Lee: Macmillan & Co.), or Heine's *Harzreise* (Macmillan & Co.) are prescribed for private reading to candidates for a First Class position.

*Text Books*: As in Second Class.

### Advanced German Class.

*Twice a week.*

The subjects studied in this class will be those prescribed for the special course of English and German (§ viii (8)). The course will extend over two years.

1895-96. Middle High German: Grammar (Wright's Middle High German Primer). Selections from Wackernagel: *Kleineres Altdeutsches Lesebuch*. Selections from authors of the 18th century. Prose composition.

In 1896-97. Middle High German: Grammar, (Paul's Grammar). Selections from Wackernagel: *Kleineres Altdeutsches Lesebuch*. Selections from Swiss and Plattdeutsch dialect literature. Selections from authors of 16th and 17th centuries. Prose composition.

Other Text Books will be announced at the opening of the Session.

### III.—ENGLISH LANGUAGE AND LITERATURE.

(George Munro Professorship.)

Professor.....ARCHIBALD MACMECHAN, Ph.D.

The course in English is mainly literary; the method pursued is the historical. The different periods are studied in the representative works of the period; and in all cases actual acquaintance with the texts precedes criticism upon them. This part of the course is intended to furnish the student with an outline picture of English literature from Chaucer to Tennyson. The work for "class distinction" is meant to broaden the knowledge of more ambitious students. The essential facts of Historical English Grammar are taught by means of lectures in the Second Year. In Composition, practice precedes theory, and exercises in the class-room take the place of "essays" compiled at home; the writing of reports forms part of this work. In the Advanced Class the aim of the instructor is to acquaint the student with the grammar of Old and Middle English, and to widen his knowledge of Elizabethan literature.

#### First Year Class.

*Mondays and Thursdays, 9—10 A. M.*

COMPOSITION.—Imitative exercises in construction of paragraphs, Narration and Description.

LITERATURE.—Eighteenth Century: Prose. *Addison*: Papers contributed to the Spectator. *Johnson*: Life of Pope. (*Macaulay*: Samuel Johnson). Poetry: *Dryden*: Mac Flecknoe, St. Cecilia's Day, Alexander's Feast. *Pope*: Rape of the Lock. *Gray*: Elegy in a Country Churchyard. *Goldsmith*: Traveller, Deserted Village. *Burns*: Twa Dogs, Cotter's Saturday Night.

For reference: *Gosse*: History of Eighteenth Century Literature.

Candidates for Class Distinction will be examined these additional works, which are not read in class. *Dryden*: Absalom and Achitophel. *Pope*: Essay on Man. *Johnson*: Lives of Dryden, Addison and Gray.

Two reports on private reading, assigned by the instructor, are required from each student.

*Books recommended*: Clarendon Press edition of Dryden; Hale's Longer English Poems (containing all the poetry read in class); Addison; ed. T. Arnold; (Clarendon Press Series); Johnson's Six Chief Lives; ed. M. Arnold.

#### Second Year Class.

*Mondays, Wednesdays, and Fridays, 12—1 P. M.*

COMPOSITION.—Lectures on the principles of Narration, Description and Exposition. Exercises.

LITERATURE.—Elizabethan. *Shakspere*: King John, Romeo and Juliet, As You Like It, Tempest. *Milton*: Comus, L'Allegro, Il Penseroso, Sonnets, Paradise Lost, Bks. I.—II. Lectures.



ENGLISH LANGUAGE.—A short course of lectures on the History of the English Language, at the end of the Spring Term.

For reference. *Saintsbury*: History of Elizabethan Literature.

A report on private reading assigned by the instructor, is required from each student. Candidates for Distinction are required to present a second report.

Candidates for Class Distinction will be examined in the following plays, which are not read in class: Henry IV., Pts. I. and II., Henry V.

#### Senior Class.

*Tuesdays and Fridays, 4-5 P. M.*

The object of this part of the course is to complete the study of Eighteenth Century and Elizabethan Literature, by linking it, on the one hand with Chaucer, and, on the other, with the literature of our own day.

LITERATURE.—Nineteenth Century.

1895-96. *Scott*: Old Mortality, Marmion. *Byron*: Poems selected and edited by Matthew Arnold. *Wordsworth*: Poems selected and edited by Matthew Arnold. *Tennyson*: The Lady of Shallott, Oenone, Lotus-Eaters, A Dream of Fair Women, Morte d'Arthur, Dora, Sir Galahad, The Lord of Burleigh, Ulysses, Ode on the Duke of Wellington. *Browning*: My Last Duchess, Lost Leader, Andrea del Sarto, The Bishop Orders his Tomb, Epistle of Karshish, The Italian in England. *Ruskin*: Sesame and Lilies. *Carlyle*: Sartor Resartus.

History of Literature: *Oliphant*.

For Distinction. A thesis on the subject assigned by the instructor.

LITERATURE.—Middle, English and Pre-Shakspearean.

1896-97. *Chaucer*: Prologue, Knightes Tale and Nonne Prestes Tales. Sweet's Middle English Primer, II. *Spenser*: Færie Queene, Bks. I., II. *Marlowe*: Dr. Faustus. Lectures.

History of Literature: *Morley*: English Writers, V.

For Distinction. *Chaucer*: Minor Poems, (ed. Skeat); The Prioress's Tale, Sir Topas, The Monk's Tale, The Clerkes Tale, The Squires Tale.

#### Advanced Class.

*Three times a week.*

Development of English Language and Literature to the year 1300, with special study of select works in Elizabethan drama and prose. (§ viii, 6).

#### IV.—HISTORY AND POLITICAL ECONOMY.

(*George Munro Professorship.*)

*Professor* .....REV. PRESIDENT FORREST.

##### Third Year History Class.

*Mondays and Wednesdays, 11 A. M.—12 M., and Fridays,  
10—11 A. M.*

Subjects of study :

Mediæval History and Modern History to 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading.

Candidates for First Class Distinction will be examined on Hallam's Middle Ages, Bryce's Holy Roman Empire, and Introductory Sections of Robertson's Charles V.

*Books recommended :* Gibbon's Decline and Fall of the Roman Empire. Hallam's Middle Ages; Bryce's Holy Roman Empire; Irving's Mahomet and His Successors; Guizot's History of Civilization; Michaud's History of the Crusades; Robertson's Charles V.; Stubbs's Constitutional History of England; Labberton's Historical Atlas.

##### Fourth Year History Class.

*Tuesdays and Thursdays, 11 A.M.—12 M.*

Subjects of study :

Modern History from 1555.

The class work will be conducted by means of lectures and examinations on prescribed reading. In the lectures, books of reference will be named and select portions specified for reading.

Candidates for First Class Distinction will be examined on Green and Guizot, and a few chapters to be specified in the others.

*Books recommended :* Green's England, vol. iv.; Guizot's France (Masson's Abridgement); Menzel's Germany; Motley's Dutch Republic; Bancroft's United States; McMaster's History of the People of the United States; Parkman's France and England in North America; Labberton's Historical Atlas.

##### Advanced History Class.

*Once a week.*

Subjects of study :

English History from 1603 to 1688.

The work of this class will be conducted by means of lectures and examinations on reading prescribed from Clarendon, Gardiner, Green, Hallam, Ranke, and other authorities.

This class is intended especially for undergraduates taking the Special Course in English and English History.

**Political Economy Class.***Tuesdays and Thursdays, 10—11 A. M.*

The work of this class will be conducted by means of lectures and examinations on prescribed reading.

Candidates for First Class Distinction will be examined on Cossa's "Guide to Study of Political Economy" and other works prescribed during the session.

*Text Book* : Mill's Principles of Political Economy.

**Advanced Political Economy Class.***Twice a week.*

The work of this class will consist of lectures, entering into the principles of Political Economy more fully than in the ordinary class, with examinations on reading prescribed in the works of leading writers on the subject.

**V.—PHILOSOPHY.***(George Munro Professorship.)*

*Professor* ..... WALTER C. MURRAY, M. A.

**Junior Philosophy.***Wednesdays, 9—10 A. M. ; Tuesdays and Fridays, 4—5 P. M.*

The work of this class will consist of two courses of lectures, one on Logic, the other on Psychology, with essays, discussions, and oral examinations.

The work in the course on Logic will be selected so as to afford the best possible mental training. In the Psychological course, experiments will be introduced as much as possible to supply a basis for the theory and for the purpose of illustration. Especial attention will also be given to the connection between Psychology and Educational methods.

*Text Books* : Minto's *Logic*, or Fowler's *Deductive and Inductive Logic*, or Jevons' *Elementary Lessons in Logic*; James' *Psychology* (briefer course). Students especially interested in education are recommended to read Sully's *Teachers' Hand-Book to Psychology*. For Education Class, see course in Science Faculty § XXVI. Reading for Distinction—Berkeley: *Theory of Vision*, *Divine Visual Language*, *Principles of Human Knowledge*, § 1-33 (with Fraser's Introduction). Mill: *Logic*, Bks. II. and III.

**Senior Philosophy.***Tuesdays and Fridays, 3—4 P. M.*

This course extends over two years, and consists of a series of lectures varied by oral examinations, essays, and discussions, on the History of Philosophy.

For 1895-6. The History of Philosophy from the beginning of the Christian Era to modern times, with a critical study of Locke's *Essay*, Berkeley's *Principles of Human Knowledge*, and *Siris*, will constitute the work of this class.

*Books recommended* : Seth (A.) : *Scottish Philosophy*; Royce : *Modern Philosophy*; Fischer : *Descartes and his School*; Erdmann's or Windelband's or Ueberweg's or Schwegler's *History of Philosophy*.

For 1896-7. The subjects of this course will be the History of Greek Philosophy, Plato's *Republic* and Aristotle's *Ethics*.

*Books recommended:* Ferrier: *Greek Philosophy*; Burnet: *Early Greek Philosophy*; Zeller: *Pre Socratics, Socrates and Socratic Schools, Plato and the Older Academy, Stoics and Epicureans*; Pater: *Plato and Platonism*; Erdmann's or Hegel's or Ueberweg's or Windelband's or Schwegler's *History of Philosophy*; Jowett's or Davies' and Vaughan's *Translation of the Republic*; Peters' *Translation of Aristotle's Ethics*.

#### Moral Philosophy.

*Mondays and Wednesdays, 11—12 A. M.*

The subjects of this course will be :

¶ THE MORAL IDEAL.—A critical study of the Hedonistic, Rigoristic and Eudaemonistic Theories of the content, form and development of the Good.

THE METAPHYSIC OF MORALITY.—The metaphysical implications of the Moral Ideal—Freedom, God and Immortality.

THE MORAL LIFE.—Conscience — its nature, authority and development; Conduct — relation of theory to practice, motives; Character—its constituents, formation and reformation, the virtues; Moral Agencies — education, religion, legislation, punishment.

MORAL INSTITUTIONS.—The State, its basis, nature and functions in their relations to morality.

*Text Book:* Seth, (J.): *Study of Ethical Principles*.

*Books recommended:* Dewey: *Outlines of Ethics*; Muirhead: *Elements of Ethics*; Mackenzie: *Manual of Ethics*; Clarke Murray: *Introduction to Ethics*; Taylor: *Right of the State to Be*; Spencer: *Justice*; Sidgwick: *History of Ethics*.

*Reading for Distinction:* Green: *Prolegomena to Ethics*, Bks. III and IV.

#### Metaphysics.

*Mondays, Thursdays, 12—1 P. M.*

For 1895-96, the subject of this course will be Kant's Philosophy. The *Prolegomena, Critiques of Pure, of Practical Reason and of Judgment* will be studied.

*The following translations are recommended:* Watson's *Selections*, Max Muller: *Critique of Pure Reason*; Abbott: *Theory of Ethics*; Bernard: *Critique of Judgment*.

*The following Commentaries and Expositions are recommended:* Stirling's *Text-Book to Kant*; K. Fischer: *Kant*; Caird: *Critical Philosophy*; Watson: *Kant and his English Critics*; Adamson: *Philosophy of Kant*; Mahaffy and Bernard: *Prolegomena, Kritik of Pure Reason defended and explained*; Green: *Philosophical Works, Vol. II*.

## VI.—MATHEMATICS.

Professor.....C. MACDONALD, M. A.

## First Year Class.

*Daily, 11 A. M.—12 M.*

Subjects of study :

ALGEBRA.—Involution, Evolution, Theory of Indices, Equations of the First and of the Second Degree, Discussion of Imaginary Quantities and of  $\sqrt{-1}$ ; Proportion, Inequalities, Indeterminate Equations, Variation, Progressions, Theory of Notation; Elements of Determinants; Selected Propositions in the Theory of Equations, with Horner's method of approximating the roots of an Equation of a Degree higher than the Second.

GEOMETRY.—First, Second, and Third Books of Euclid Revised, Fourth Book, Definitions of the Fifth, and the Sixth Book, with Geometrical Exercises and practical applications.

After the beginning of January, attendance at the Class on Thursday will be *optional*, except for those who are trying for First or Second Class distinction. But the Professor reserves to himself the right of excluding any whom he may have judged unequal to the work of his Thursday class.

*Books recommended* : Colenso's or Todhunter's or Deighton's (George Bell & Sons), Elements of Euclid, Hall & Knight's Elementary Algebra, Todhunter's Algebra, or Hall & Knight's Higher Algebra. (The latter book is recommended to those who wish to pursue advanced work. Todhunter's small School Algebra is scarcely sufficient for the course.)

## Second Year Class.

*Daily, 10—11 A. M.*

The daily meeting of this Class is subject to the following explanations :

After the Christmas Examination, the Class will be resolved into two Divisions, a Lower and a Higher.

The Lower or Ordinary Division will meet on four or three days a week, according as the general progress of the Class may demand. The Higher Division will meet on the remainder of the five days a week. Fitness to enter the Higher Division is determined by the Professor, according to the general standing and previous record of the student.

In the Lower or Ordinary Division of the Class, the subjects of study are—

GEOMETRY.—Sixth Book of Euclid revised; Cockshott & Walter's Conic Sections; the Parabola and part of the Ellipse; Easy Geometrical Exercises, with practical applications; 21 Propositions of the Eleventh Book of Euclid; Modern Geometry, supplementary to the Six Books of Euclid.

TRIGONOMETRY.—Analytical Plane, as far as, but exclusive of, DeMoivre's Theorem. The use of Logarithms, and of the chief Mathematical Tables. Solution of Plane Triangles; Mensuration of Heights and Distances; Elementary Problems in Navigation.

ALGEBRA.—Permutations and Combinations; use of the Binomial Theorem; Properties of Logarithms; Compound Interest; Elements of the Doctrine of Chances.

In the Higher Division the subjects are:—

GEOMETRY.—Parabola, Ellipse, and Modern Extensions of Euclid.

TRIGONOMETRY.—As in the Lower Division, with Extensions; DeMoivre's Theorem, with Higher Angular Analysis; Spherical Trigonometry, as far as the solution of Right-angled Triangles, with applications to easy Astronomical problems.

ALGEBRA.—Investigations connected with the subjects studied in the Ordinary Division, with illustrations and examples of a more difficult kind. For First or Second Class at the Examinations, acquaintance with the subjects treated in this Division is necessary.

*Books recommended:* Algebras—Todhunter's or Hall & Knight's (best). †Locke's Plane Trigonometry; Cockshott and Walter's Geometrical Conics (Macmillan & Co.); Chamber's Logarithmic, &c., Tables. For Higher Division. Todhunter's Spherical Trigonometry; Casey's Sequel to First Six Books of Euclid. (Longmans, Green & Co., London).

#### Advanced Class.

There are two Divisions in this Class:

The first Division meets three times a week.\* Subjects: Analytical Trigonometry, commencing with the application of DeMoivre's Theorem; Analytical Geometry; Spherical Trigonometry; Theory of Equations; Differential Calculus.

*Books recommended:* Lock's Plane Trigonometry, Vol. II.; C. Smith's, and Todhunter's Conic Sections; Todhunter's Theory of Equations, Williamson's Differential Calculus; Williamson's Integral Calculus; Todhunter's Spherical Trigonometry. Any standard works on the subjects treated may, however, be used.

The Second Division meets twice a week.† Subjects: Analytical Geometry; Spherical Trigonometry; Theory of Equations; Differential Calculus; Integral Calculus, with Differential Equations; Application of these to Physics, Physical Astronomy, &c.

*Books recommended:* The same as for the First Division. Also, Tait & Steele's Dynamics of a Particle; Todhunter's Analytical Statics; Woolsey Johnson's Differential Equations, (Macmillan & Co.).

### VII.—PHYSICS.

(George Munro Professorship.)

Professor.....J. G. MACGREGOR, D.Sc.

#### Junior Physics Class.

Tuesdays, Thursdays, and Fridays, 11 A.M.—12 M.

The subjects of the lectures will be as follows:—The Elements of Dynamics; the properties of solid and fluid bodies; Heat; Electricity and Magnetism; Light and Radiant Heat;

\*The hour of meeting on Fridays may possibly be changed at the opening of the session.

† An extra hour for some part of the session may be required.

‡ This work is published in two volumes. The first of these—"A Treatise on Elementary Trigonometry"—is sufficient for the ordinary class.

and Sound. These subjects will be treated in an elementary manner, the mathematical knowledge assumed being no greater than may be acquired in the First Year Class. The lectures will be conducted largely on historical lines and will be illustrated by experiments, qualitative and quantitative. Besides the Christmas and Spring Examinations, others will be held at unspecified dates, and students will be expected throughout the session to hand in problem papers for correction and criticism.

*Books recommended:* Students who aim at Distinction will be expected to read, in connection with the lectures, the following books: Lodge's Elementary Mechanics (W. & R. Chambers), Wormell's Thermodynamics (Longmans, Green & Co.), Jones's Heat, Light and Sound (Macmillan & Co.), and Cumming's Electricity Treated Experimentally (Rivingtons). Other students are recommended to read at least Lodge's Mechanics and Stewart's Lessons in Elementary Physics (Macmillan & Co.). Illustrative problems will be found in Jones's Examples in Physics (Macmillan & Co.).

#### Senior Physics Class.

*Mondays and Wednesdays, 10—11 A. M.*

The subjects studied in this class will be treated in a less elementary manner than in the Junior Class, a knowledge of the Mathematics of the Second Year Class being assumed. As the course is too extensive to be completed in one session, different departments of it will be taken up in alternate years, as follows:

In 1895-96.—Heat, including a discussion of heat engines, and Electricity and Magnetism, including a discussion of dynamo-electric machines. Students will be referred in the lectures to various works. Candidates for Distinction will be expected to read specified portions, not treated in class, of Maxwell's Theory of Heat (Longmans & Co.), and Cumming's Theory of Electricity (Macmillan & Co.)

In 1896-97.—Kinematics, Dynamics, and the properties of elastic solids and fluids. The Professor's Kinematics and Dynamics, (Macmillan & Co.), will be used as a text-book, and candidates for Distinction will be expected, not only to acquire considerable power of solving problems, but also to read portions of the text book not treated in class.

#### Advanced Mathematical Physics Class.

*Mondays and Wednesdays, 11 A. M.—12 M.*

The subjects studied will include various departments of Physics. The mode of treatment will be such as to give students an introduction to the application of the higher Mathematics to the study of physical problems. They will therefore be assumed to have a sufficient knowledge of Analytical Geometry and of the Differential and Integral Calculus. As the course is too extensive to be completed in a single session, different portions will be taken up in alternate sessions, viz:—

In 1895-96:—Kinematics of a point, of a rigid system, and of deformable systems; Dynamics (including Statics) of a particle, of systems of particles (including strings), of extended bodies, of rigid bodies, of elastic solids, and of fluids.

In 1896-97 :—Thermodynamics, and Electrodynamics (including Electrostatics).

*Books recommended :* Tait and Steele's Dynamics of a Particle (Macmillan & Co.), Todhunter's Analytical Statics (Macmillan & Co.), Aldis's Rigid Dynamics (Deighton, Bell & Co.), Besant's Hydromechanics (Deighton, Bell & Co.), Baynes' Thermodynamics (Clarendon Press), Emtage's Mathematical Theory of Electricity and Magnetism (Clarendon Press), and Mascart and Joubert's Electricity and Magnetism, (De la Rue & Co., London), vol. I.

#### Advanced Experimental Physics Class.

*Once or twice a week.*

The subjects studied will be those portions of the work prescribed in the Special Course in Experimental Physics and Chemistry, which present special difficulty.

Lectures will also be given on physical experimental methods, errors of observation and their influence on results, the treatment of corrections, graphical methods, the method of least squares, &c.

*Books of reference :*—The works most frequently referred to will be : Tait's Properties of Matter (A. & C. Black), Peddie's Manual of Physics (Bailliere, Tindall & Co.), Glazebrook's Physical Optics, (Longmans, Green & Co.), Stewart's Treatise on Heat (Clarendon Press), Thompson's Electricity and Magnetism (Macmillan & Co.), Ostwald's Outlines of General Chemistry (Macmillan & Co.), Holman's Precision of Measurements (John Wiley & Sons), and various original memoirs.

#### Practical Physics Class.

*(At least five hours a week.)*

The work of this class will consist of the experimental investigation of simple physical laws and in connection therewith the determination of physical constants, such as density, specific heat, electromotive force, electrical resistance, &c.

Students will be required to prepare formal papers on the investigations made, describing the methods used and the results obtained, and discussing the degree of accuracy of the results. Their standing in the Pass and Distinction list will depend mainly on these papers.

Members of the class who wish to become science teachers will be allowed to devote part of their time to acquiring facility in devising and executing illustrative experiments of a qualitative and quantitative kind, with the simple forms of apparatus usually available in schools.

*Books recommended :*—*For ordinary use*—Glazebrook and Shaw's Practical Physics (Longmans, Green & Co.). *For reference*—Stewart & Gee's Elementary Practical Physics (Macmillan & Co.). Ayrton's Practical Electricity (Cassell & Co.), Kohlrausch's Physical Measurements (J. & A. Churchill), Nichol's Laboratory Manual of Physics and Applied Electricity (Macmillan & Co.), Ostwald's Physico-Chemical Measurements (Macmillan & Co.), and Armstrong's Suggestions for a Course in Physical Science (Reports British Association for 1889).



## VIII.—CHEMISTRY.

*(McLeod Professorship.)*

Professor .....GEORGE LAWSON, PH. D., LL. D.

**Inorganic Chemistry Class.***Tuesdays, Wednesdays, and Fridays, 9—10 A. M.*

Subjects of lectures :

General Principles. Chemical Affinity. Laws of Combination, by weight. Define Proportions. Equivalents. Law of Multiple Proportions. Combination, by volume, Gay-Lussac's Laws. Law of Specific Heats. Atomic Theory. Nomenclature; Notation; Formulæ, Equations. The non-metallic Elements considered in detail; their modes of occurrence in nature; preparation in the free state; their compounds, natural and artificial; natural phenomena and artificial processes in which they take part; useful manufactures to which they are related.

The Metals considered in regard to their physical and chemical characters, and modes of occurrence in nature. Classification of the Metals. Constitution of Salts. Bases, Acids, Simple and compound Radicals. Discussion of the more important Metallic Elements in detail, their Salts and other compounds; related Metallurgical processes and Chemical Manufactures.

*Text Book* : Greene's edition of Wurtz's Elements of Modern Chemistry—the whole of the Inorganic part. (Lippincott, Philadelphia).

**Organic Chemistry Class.***Mondays and Thursdays, 9—10 A. M.*

Subjects of lectures :

Modes of formation of Organic Compounds in the Plant; by assimilation; by metabolism; their after-transformation by natural and artificial processes. The method of Organic Chemistry. The Atomicity of Carbon. Saturation. Substitution. Principles of Classification. Elementary Analysis. Methane and its Homologues, and Substitution Compounds. The Monatomic Alcohols, and related Compounds and Derivatives of the Fatty Series; Aldehydes, Ethers, &c. The Fatty Acids. Compound Ethers. Amines, Amides, Phosphenes, &c. Polyatomic Alcohols, Ethers and Acids. The natural Vegetable Acids. Cyanogen and its Compounds. Glucosides. Carbohydrates. Diastase. Fermentation.

Aromatic Compounds. Benzene (Benzol) considered theoretically as the nucleus of the aromatic compounds. Oil of Turpentine and its Isomerides. Volatile Oils. Camphor. Substitution and Additive Compounds of Benzene. Phenol (carbolic acid) and its derivatives, Aniline, &c. Benzoic and related Acids, Indigo, &c. Natural Alkaloids. Albumen, Urea.

*Text Books* : Greene's Edition of Wurtz's Elements of Chemistry—the Organic part. Reference works: Roscoe & Schorlemmer, Watt's Dictionary, &c., which can be used in the Balance Room. Other works are placed, for convenience of students, on a reference shelf in the College Library.

### Chemical Laboratory.

The Chemical Laboratory is open daily (except Saturdays, Sundays, and holidays (from 9 a. m. to 1 p. m. *Students taking their first Laboratory course are required to attend at an hour when the Professor is not engaged in lecturing.* Students experienced in Laboratory work who cannot attend at such hours may be allowed by special permission, to work at other times, but such permission may be cancelled at any time.

**PRACTICAL CHEMISTRY.**—A systematic course of Separation and Detection of the several Metallic Bases, and of the Inorganic and Organic Acids, and Preparation of the necessary Reagents.

The above constitutes the course conventionally known as "Practical Chemistry," which ordinarily extends over three months, in case of a student who works at least five hours a week, or from five to six months, when attendance is given only two hours a week.

Where additional time can be given, students will also be exercised in the preparation of, and manipulation with, the more important elementary and compound gases. This extra work, which is entirely optional, is intended specially for the benefit of teachers and others who may be desirous of becoming familiar with gas manipulation. Such extra work cannot be taken as a substitute for any part of the prescribed course of "Practical Chemistry" as above defined.

*Laboratory Books:* Either of the following: Macadam's Practical Chemistry; Fresenius's Qualitative Analysis. Goodwin's Text Book is also used.

**QUANTITATIVE ANALYSIS.**—Instruction is provided in Quantitative Analysis, for Students taking the Special Course in Experimental Physics and Chemistry, and also for Students who, having taken Practical Chemistry in a previous year, are desirous of taking it again in a subsequent year. Other persons, having a sufficient practical training in Chemistry, will also be admitted. Instruction is offered, not only in General Quantitative Analysis, but also in special work, such as the Analysis of Metallic Ores, Coal, and other Mineral Substances, Fertilizers, Soils, Mineral Waters; Sanitary Examinations of Water, Air and Food; Detection and Quantitative Estimation of Poisons; Manufacturing Chemistry,—as laboratory processes related to Soap Making, Brewing, Malting, Distilling, Cultivation of the Soil, Agricultural Manufactures, &c.

Laboratory students are allowed the use of the ordinary Laboratory apparatus and furnishings, and of inexpensive re-agents, but are required to provide themselves with evaporating basins, test-glasses, platinum, gold and silver salts, and other expensive materials which they may require, and to replace apparatus which they may destroy. Those who wish to work in special departments or to engage in original research requiring apparatus or re-agents not otherwise in use in the Laboratory, will have to furnish themselves with the necessary appliances at their own expense.

The Chemical Laboratory is very large and airy, and is so arranged that every student may have a separate set of re-agents, and as much desk and table room as he can possibly use. Usually it is found convenient for two students taking

their first systematic course to work together at the same desk (not necessarily at the same hour), which lessens the time necessary for preparing re-agents.

The Working Laboratory is fitted up with locked desks, drawers and shelving for sixty-four students, with a separate Balance and Reference Library Room for use of students.

*Text-Books* : Fresenius's Quantitative Analysis. Special works in the College Library will be recommended when necessary. Books needed in actual work will be kept in the Balance Room for the use of Students, but are on no account to be used on the working tables of the Laboratory.

## IX.—BOTANY.

*Professor*. . . . . GEORGE LAWSON, PH. D., LL. D.

*Tuesdays and Thursdays, 12—1 P. M.*

The course in Botany embraces the subjects of Structural and Physiological Botany, special attention being given to minute Structure and the Development of Tissues, the phenomena of Growth, Reproduction, general Life History, and Plant Movements. Also Classification, as illustrated by the leading Natural Orders of North American Plants.

*Text Book*.—Goodale's Physiological Botany, being vol. II of Gray's Botanical Text Book. *Field Books for Summer Work*—Gray's Manual of Botany of the Northern States; Gray's How Plants Grow, with Lawson's Fern Flora of Canada, as Appendix, (Mackinlay.)

§ II.—**The Academic Year.**—The Academic year consists of one Session. The Session of 1895-6 will begin on Wednesday, 11th September, 1895, and end on Thursday, 23rd April, 1896.

§ III.—**Admission of Students.**—(1.) Persons of either sex may become students of the College by (a) furnishing satisfactory references or certificates of good moral character (on first entering the College), (b) entering their names in the Register (annually), and (c) paying the annual Registration fee (§ XXIV).

(2.) Registered students may, on presentation of their Registration Tickets, and on payment of the proper fees, (§ XXIV,) enter any of the ordinary classes of the College. The Advanced Classes are open to students who have sufficient knowledge of the subjects taught in them.

(3.) Students who are candidates for degrees are known as Undergraduates, others as General Students. Candidates for the higher degrees in attendance on classes are known as Graduate Students.

§ IV.—**Degrees.**—(1.) Two baccalaureate degrees are conferred in the Faculty of Arts, those, viz., of Bachelor of Arts (B. A.), and Bachelor of Letters (B. L.).

(2.) Persons who wish to obtain University Degrees must become Undergraduates. Persons of either sex may become Undergraduates by (a) passing either one of the Matriculation Examinations or a recognized equivalent, (§§ iv., 4-5 ; v. 4 ; and vi., 2-4), and (b) matriculating, *i. e.*, entering their names on the Matricula or Register as Undergraduates.

(3.) Two Matriculation Examinations are held, of lower and higher grade respectively. The Junior Matriculation Examination admits to the First Year of the various courses. The Senior Matriculation Examination admits to the Second Year of the various courses, and thus enables those who pass it to obtain their degrees at the end of three academic years. For conditions of exemptions, see §§ v, vi.

(4.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted *ad eundem statum* in this University, if they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the courses on which they enter in this University, they may be required by the Faculty to take additional classes.

(5.) Undergraduates must pursue, at the College, specified courses of study, which vary with the degrees for which they are candidates, but in the case of all degrees extend over four years. They must also pass the prescribed examinations according to the regulations of § x.

**§ V.—Junior Matriculation Examination.**—The following are the subjects of this examination :

(1.) *Ordinary.*

1 and 2.—Two of the following : Latin, Greek, French, German. Candidates for B. A. must pass in Latin, and if they are to take Greek as one of the subjects of the First Year, must also pass in Greek. Candidates for B. L. may select any two.

LATIN.—Translation : (For 1895), *Cæsar*—Gallic War, Books V and VI, or *Virgil*, *Æneid*, Book I.

(For 1896), *Cæsar*—Gallic War, Book I, and *Virgil*—*Æneid*, Book I.

Composition : Arnold's Composition, by Bradley, Exx. 1-44 : or an equivalent.

Grammar : As in Elementary Grammars.

GREEK.—Translation : (For 1895), *Xenophon* : Anabasis, Book II, or III, or IV.

(For 1896), *Xenophon* : Anabasis Book III.

Grammar : As in Elementary Grammars.

FRENCH.—Voltaire : *Charles XII.*, Book I, II, and III, Questions in Grammar limited to the Accidence, and based

upon the passages selected. Easy English sentences for translation into French.

GERMAN.—Hauff: *Die Karavane*, (Cambridge University Press); or Buchheim's *German Reader*, Part I., (Clarendon Press). Grammar limited to the Accidence, and based upon the passages selected.

3. ARITHMETIC AND ALGEBRA.—*Arithmetic. Algebra*: Simple rules, and Rules for the treatment of Indices; and Surds; Algebraic Extraction of Square and Cube Roots. Equations of the First Degree. Easy Quadratic Equations of one unknown quantity.

4. GEOMETRY.—Euclid. Books I, II, III, or their equivalents.

5. ENGLISH.—*Language*: Grammar, Analysis, Paraphrasing. *Composition*: Nothing but an essay will be required; but on this special stress is laid. Legible writing, correct spelling and punctuation will be considered indispensable. The subjects of composition will be drawn from:—Macaulay: *Warren Hastings*. Shakespere: *Coriolanus*. Longfellow: *Evangeline*. Scott: *The Lady of the Lake*.

N. B.—Not more than one of these works *need* be read, as a choice is allowed among at least four themes based on the foregoing. The work selected should be read like any other book intended primarily to please.

6. HISTORY AND GEOGRAPHY.—Outlines of English and Canadian History, and General Geography.

N. B.—Instead of the works prescribed above in Latin, Greek, French and German, candidates may offer equivalents. Such equivalents must have been previously approved by the President. The names of the languages and of the works selected (for the approved equivalents), must have been sent to the President, at least one week before the date of the Examination.

(2.) *For Distinction and Junior Scholarships.*

Candidates reaching a certain standard on the *Ordinary* and the following subjects will be declared to have Passed with Distinction. These subjects are also to be taken by candidates for Sir William Young and Professors' Scholarships, and the Mackenzie Bursary. (See § xv) In this examination the same two languages must be taken as in the *Ordinary* examination.

LATIN.—Translation: (a) (For 1895), *Cæsar*: Gallic War, Books V and VI., and *Virgil*, *Æneid*, Book I. (For 1896), *Cæsar*: Gallic War, Books I and VI, and *Virgil*, *Æneid*, Book I. (b) A prose passage taken from a book not prescribed. *Composition*: Arnold's Composition by Bradley, Exx. 1-44. *Grammar*: As in Allen and Greenough's.

GREEK.—Translation: (a) (For 1895), *Xenophon*: Anabasis, Books II-IV. (For 1896), *Xenophon*: Anabasis, Books III, IV. (b) A prose passage taken from a book not prescribed. *Composition*: Fletcher and Nicholson's Composition, Exx. 1-28. *Grammar*: As in Goodwin's.

FRENCH.—Octave Feuillet: *Le roman d'un jeune homme pauvre*, or,—Scribe, *Le verre d'eau* (Macmillan & Co.).

GERMAN.—Schiller : *Der Neffe als Onkel*, Act I. and II., and Hauff : *Das Wirthshaus im Spessart*, (*Das kalte Herz*), (Macmillan & Co.).

The above examination may be conducted partly *viva voce*.

(3.) Candidates who hold Teachers' Licenses of Grades A or B, or certificates of having passed the Senior or Junior Leaving Examinations of the High School, issued by the Nova Scotian Education Office, and those also who hold Teachers' Licenses of the First and Second Class issued by the Education Office of Prince Edward Island, shall be exempted from the above examination, in subjects which were included in the examinations by which such licenses or certificates were obtained. Candidates who hold Teachers' Licenses or Leaving Examination certificates issued by the Education Offices of other Provinces, may be exempted from parts of the above examination on application to the Faculty. Persons who as candidates for the above Licenses or certificates succeeded in passing in the more important of the subjects of the above examination, shall be exempted from examination in such subjects.

(4.) Persons may be admitted as Undergraduates of the First Year, without examination, on presentation of certificates from the Principals of High Schools or Academies, approved for this purpose by the Faculty, stating that they have satisfactorily completed the work prescribed for the Junior Matriculation Examination and passed satisfactory examinations therein.

(5.) If candidates at the Junior Matriculation Examination have failed in some subjects, they may by special permission of the Faculty, be admitted as Undergraduates on passing in them, at the Final Matriculation Examination (October 9th-12th), or they may, by special permission of the Faculty, be allowed to matriculate conditionally ; but they will be required to pass in such portion at a subsequent date.

(6.) This examination will be held at the College on September of 11th-16th, 1895. For the benefit of candidates unable to present themselves on these days, an opportunity will be granted of appearing for examination on October 9th-12th. But no student will be admitted as an Undergraduate at a later date without the special permission of the Faculty.

**§ VI.—Senior Matriculation Examination.—(1).**  
The following are the subjects of this examination :

The "ordinary"\* subjects of the Junior Matriculation Examination, and of the First Year (§§ v, vii).

As subjects 1 and 2 (see §§ v, vii) candidates must select the same languages in the two sections of the examination.

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\*The "ordinary" subjects are those not marked with an asterisk in § 1.

Candidates for B. A. must pass in Latin. If they intend to take Greek as one of the subjects of the Second Year they must also pass in Greek; if not, they may select Greek or French, or German. Candidates for B. L. must pass in one modern language, but may select as the second subject either Latin or Greek.

Instead of the books prescribed in §§ v and i to be read in Latin, Greek, German, French or English, candidates may offer equivalents approved by the President.

The subject of Inorganic Chemistry may be omitted by candidates; but in that event, they must either pass the examination therein on entering the Third Year or take the subject as one of the elective entering in the Third Year.

The examination may be conducted partly *viva voce*.

Candidates for Senior Matriculation who are also candidates for Senior Scholarships (§ xv.) will, in Latin and Greek, be examined in the following works, instead of those named above :

LATIN. (1895.) Caesar, Gallic War, Books v. and vi., or Virgil, *Æneid*, Book i., together with [Cicero, *Pro Lege Manilia*, and Virgil, *Æneid*, Book v.], or [Cicero, *First Oration against Catiline*, and Sallust, *Conspiracy of Catiline*.]

(1896.) Caesar, Gallic War, Book i., and Virgil, *Æneid*, Book i., together with [Cicero, *Oration against Catiline*, and Virgil, *Æneid*, Book v.], or [Cicero, *First Oration against Catiline*, and Sallust, *Conspiracy of Catiline*.]

GREEK. (1895.) Xenophon, *Anabasis*, Book ii. or iii. or iv., together with Lucian, Charon, and Timon, or Euripides, *Alcestis*.

(1896.) Xenophon, *Anabasis*, Book iii., together with Lucian, Charon and Timon; or Demosthenes, *Philippics*, I-II.

The papers in Latin and Greek will contain passages for translation from the books prescribed, together with grammatical and other questions arising out of those books, and short and easy passages for translation from books not prescribed. General questions in Latin and Greek Grammar will also be set, and some English sentences to be turned into Latin and Greek.

(2.) Candidates who have previously passed in one or more of the above subjects, or in any portion thereof, either at the Junior Matriculation Examination or at the Examinations of the First Year, shall be exempt from further examination therein.

(3.) Candidates who hold Teachers' Licenses of Grade A, or Certificates of having passed the Senior Leaving Examinations of the High School, issued by the Nova Scotian Education Office, shall be exempted from the above examination in subjects which were included in the examinations by which such licenses or certificates were obtained. The same privilege shall be granted to candidates who hold Teachers' Licenses of the First Class, issued by the Education Office of Prince Edward Island, except in the subject of Greek.

Candidates who hold Teachers' Licenses of Grade B, or Certificates of having passed the Junior Leaving Examination of the High School, issued by the Nova Scotian Education Office, and those who hold Teachers' Licenses of the Second Class, issued by the Education Office of Prince Edward Island, shall be exempted from those parts of the above examination which are common to it, and the Junior Matriculation Examination, provided such parts were included in the examinations by which such Licenses or Certificates were obtained.

Candidates who hold Teachers' Licenses or Leaving Examination Certificates, issued by the Education Offices of other Provinces, may be exempted from the whole or from parts of the above examination, on application to the Faculty.

Persons who, as candidates for the above Licenses and Certificates, succeeded in passing in the more important of the subjects of the above examination shall be exempted from examination in such subjects.

(4.) Candidates must give at least one fortnight's notice to the President, of their intention to appear at this examination; and in giving such notice they must state in what Latin, Greek, French, German, and English books they intend to offer themselves for examination, whether or not they wish to be examined in Chemistry, and in what subjects they claim exemption from examination.

(5.) This examination will be held at the College on September 10th—16th, 1895. For the convenience of candidates unable to appear on these days, an opportunity will be granted of appearing for examination on October 9th—12th. But no student will be allowed to enter as an undergraduate at a later date, without the special permission of the Faculty.

**§ VII.—Ordinary Courses of Study for Degrees of B. A. and B. L.**—The following is a list of the classes which undergraduates are required to attend in the four years of the ordinary courses of B. A. and B. L. The details of the subjects studied in these classes will be found under Courses of Instruction (§ § I, xxv, and XLVI.)

**First Year.**

1. *For B. A.*—Latin. *For B. L.*—German.
2. *For B. A.*—Greek, or French or German. *For B. L.*—French.
3. Mathematics.
4. Inorganic Chemistry.
5. English.

Undergraduates taking French or German enter the classes for which the Professor considers them fitted.



## Second Year.

1. *For B. A.*—Latin. *For B. L.*—German.
2. *For B. A.*—The language chosen as subject 2 in the 1st year. *For B. L.*—French.
3. *For B. A.*—Mathematics. *For B. L.*—Mathematics or Junior Physics.
4. English.
5. Junior Philosophy or (in the case of students who intend to enter the 7th or 8th Special Course, § VIII (2),) Junior Physics.

## Third Year.

1. *For B. A.*—Latin or Greek. The language selected must have been taken during the first two years. *For B. L.*—German or French.

2. *For B. A.*—Junior Physics or (if Junior Physics have been taken in the Second Year) Junior Philosophy. *For B. L.*—Junior Physics, or (if Junior Physics have been taken in the second year) any one of subjects 4—5. (Junior Physics must be taken either in the Second or Third Year.)

3. History.

4—5. Any two of the following\* :

- |  |  |
|--|--|
| a. Greek.                                    | h. Ethics.                                     |
| b. Hebrew.                                   | i. Senior Philosophy.                          |
| c. French.                                   | j. Organic Chemistry, or<br>Medical Chemistry. |
| d. German.                                   | k. Practical Chemistry.                        |
| e. English.                                  | l. Botany.                                     |
| f. Constitutional History.<br>(Law Faculty). | m. Practical Physics.                          |
| g. Political Economy.                        | n. Education. (History and<br>Theory).         |

Undergraduates are required, on or before September 18th, to submit to the President for approval, the names of the two subjects, 4—5, which they may wish to select.

Undergraduates selecting French or German for the first time, enter the classes for which the Professor considers them fitted. Those selecting Greek for the first time, enter the First Year Class.

A certificate of attendance on a class of New Testament Greek in any recognized College will exempt from subject 1 or from one of the two subjects 4—5, an undergraduate who has taken Greek in the first two years.

The University provides no instruction in Hebrew, but a certificate of attendance on a Hebrew Class in any recognized College will exempt an undergraduate from one of the two subjects, 4—5.

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\*So far as the provisions of the Time Table permit.

An undergraduate who takes subject *f* in the Third Year and subjects *k* and *l* in the Fourth Year may complete his course in the Faculty of Law in two years.

An undergraduate who has already passed the Matriculation Examination of the Faculty of Medicine (see Regulations of the Faculty of Medicine) may complete one Medical Academic Year in the third year of his Arts Course, by taking subjects *j* (Medical Chemistry), *k* and *l*. To complete his year in this Faculty he will require to take also subjects, 1, 2 and 3. For fees payable in classes *j*, *k*, *l*, for this purpose, see section on fees, Faculty of Medicine.

#### Fourth Year.

Any five of the following\* :—

|                              |                                    |
|------------------------------|------------------------------------|
| <i>a.</i> Latin.             | <i>l.</i> Contracts                |
| <i>b.</i> Greek.             | (Law Faculty).                     |
| <i>c.</i> Hebrew.            | <i>m.</i> Senior Physics.          |
| <i>d.</i> French.            | <i>n.</i> Practical Physics.       |
| <i>e.</i> German.            | <i>o.</i> Organic Chemistry, or    |
| <i>f.</i> English.           | Medical Chemistry.                 |
| <i>g.</i> History.           | <i>p.</i> Practical Chemistry.     |
| <i>h.</i> Political Economy. | <i>q.</i> Botany.                  |
| <i>i.</i> Ethics.            | <i>r.</i> Education. (History and  |
| <i>j.</i> Senior Philosophy. | Theory).                           |
| <i>k.</i> Constitutional Law | <i>s.</i> Physiology. (See Faculty |
| (Law Faculty).               | of Science).                       |

With the approval of the Faculty, any Advanced Class may be taken as an ordinary class, in the Fourth Year.

Undergraduates are required, on or before September 18th, to submit to the President for approval, the names of the subjects which they may wish to select.

Undergraduates taking the First Year Greek Class in the Third Year must take the Second Year Class in the Fourth. Those taking the First French or First German Class in the Third Year must take the Second Class of the same subject in the Fourth. Neither the First Year Greek Class nor the First German or French Class can be taken in the Fourth Year without special permission.

A certificate of attendance on a New Testament Greek class in any recognized College, will exempt from one subject an undergraduate who has taken Greek during the first three years.

A certificate of attendance on a class in Hebrew, in any recognized College will exempt from one subject. If the Hebrew class be one of five hours a week, attendance on it will exempt from two subjects.

An undergraduate who has already passed the Matriculation Examination of the Medical Faculty (see Regulations of that Faculty) may complete one Medical Academic Year by taking

\*So far as the provisions of the Time Table permit.

subjects, *o*, (Medical Chemistry), and *s* or either of these together with subjects, *p* and *q* in the Fourth Year. But he will not be allowed to take these subjects in this year as parts of B. A. or B. L. course, if he have already taken them in the Third. For fees payable for classes, *o*, *p*, *q*, for this purpose, see Faculty of Medicine, section on Fees. For class and examination fees payable for subject *s*, see Faculty of Science, § XXV, XIII.

No class in which the subjects studied are the same from year to year, can be taken twice as part of the course.

§ VIII.—**Special Courses for Degrees.**—(1.) An undergraduate shall be allowed, during his Third and Fourth Years, to restrict his attention to a more limited range of subjects than that of the ordinary course, by entering upon one of the Special Courses, provided he has either attained both a First Class standing at the previous Examination in the subject corresponding to that of the Special Course selected, and a satisfactory standing in the other subjects, or received the special permission of the Faculty.

(2.) Special Courses are provided in the following departments, viz., (1) Classics, (2) Latin and English, (3) Greek and English, (4) English and German, (5) English and English History, (6) Philosophy, (7) Mathematics and Mathematical Physics, (8) Experimental Physics and Chemistry. Undergraduates in Arts may take special courses in any one of the above departments; undergraduates in Letters in any one of departments, 4, 5, 6, 7, and 8.

(3.) An undergraduate taking a special course in any of the above departments shall be required to attend the Advanced Classes provided in the subjects of such departments (§ 1), to make progress satisfactory to the Professors who conduct such classes, and to pass the examinations in the subjects of such department. He shall be allowed to omit, from the subjects of the ordinary course, certain subjects specified below, and may select as his ordinary classes in any year, any of the classes of that year, subject to the following regulations and to the approval of the Faculty.

(4.) The examinations in the subjects of Special Courses shall be held at the end of the Fourth Year.

(5.) Undergraduates taking the Special Course in **Classics** may, in each of the Third and Fourth Years, omit any two of the subjects of those years, except Latin and Greek.

They shall be examined in the following subjects :—

LATIN.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those prescribed in the ordinary course :—

Plautus : *Miles Gloriosus*.  
Terence : *Adelphi*.

Virgil: *Georgics*, Books I., IV.  
 Horace: *Epistles*, Books I., II.; *Ars Poetica*.  
 Juvenal: *Satires*, VII., VIII., XIV.  
 Cicero: *De Oratore*, Books I., II., III.  
 Livy: Books XXI., XXII.  
 Tacitus: *Agricola*; *Annals*, Book II.

II. Candidates will be required to shew a general knowledge of one prose and one verse subject, to be chosen by them from the following list:—

Plautus: *Menaechmi*, and *Aulularia*.  
 Terence: *Andria*, and *Heautontimorumenos*.  
 Cicero: *Select Letters*, (Muirhead's edit., Longmans, London).  
 Tacitus: *History*, Books I., II., III.

III. COMPOSITION.—Prose.

IV. LITERATURE.—Crutwell's *History of Latin Literature*, selected chapters.

V. PHILOLOGY.—Peile's *Introduction to Greek and Latin Etymology*; Victor Henry's *Comparative Grammar of Greek and Latin*.

#### GREEK.

I. Candidates will be required to have a critical knowledge of the following works, in addition to those of the ordinary course:—

Aeschylus: *Eumenides*.  
 Sophocles: *Oedipus Rex*.  
 Aristophanes: *The Knights*.  
 Homer: *Odyssey*, Books V., VI., VII., VIII.  
 Thucydides: *Book II*.  
 Plato: *Phaedo*.  
 Demosthenes: *De Corona*.  
 Aristotle: *Poetics*.

II. Candidates will be required to show a general knowledge of one prose and one verse subject, to be chosen by them from the following list:

Aeschylus: *Agamemnon*, and *Choephorae*.  
 Sophocles: *Oedipus Coloneus*, and *Antigone*.  
 Thucydides: *First and Seventh Books*.  
 { Aeschines: *Contra Ctesiphontem*, and  
 { Demosthenes: *De Falsa Legatione*.

III. COMPOSITION.—Prose.

IV. PHILOLOGY.—Peile's *Introduction to Greek and Latin Etymology*; Victor Henry's *Comparative Grammar of Greek and Latin*.

V. LITERATURE.—Mahaffy's *History of Greek Literature*, the portions bearing on the authors and subjects read by the candidate during his college course. Haigh's *Theatre of the Greeks*.

(6.) Undergraduates taking the Special Course in **Latin and English** may, in each of the third and fourth years of their course, omit any two of the subjects of those years, except

Latin and English. They shall be examined in the following subjects, viz. :

LATIN.

The Latin subjects prescribed for the Special Course in Classics.

ENGLISH.

The historical development of the language and literature to the year 1300. *Bright*, Anglo-Saxon Reader. *Sievers*, OE. Grammar trans. by Cook, Part II. *Morris*, Specimens of Early English, I., and *Lounsbury*, History of the English Language. Sight reading of OE.

History of the Elizabethan and Early Stuart Literature. Lectures. *Sidney*, Apologie for Poetrie. *Hooker*, Ecclesiastical Polity, Book I. *Bacon*, Advancement of Learning, Select Essays.

*Marlowe*, Edward II., The Jew of Malta, Tamburlaine. *Webster*, The Duchess of Malfi. *Greene*, Friar Bacon and Friar Bungay. *Jonson*, The Alchemist, Every Man in his Humor. *Beaumont and Fletcher*, Philaster, The Knight of the Burning Pestle. *Massinger*, A New Way to Pay Old Debts. *Shakspeare*, The Tragedies, Two Noble Kinsmen. Part of this course is conducted by means of a Seminary.

*Books recommended*: History of Literature: *Saintsbury*, *Brooke*; Clarendon Press, "Mermaid," and Arber Editions of Elizabethan works. "Best Elizabethan Plays."

(7.) Undergraduates taking the Special Course in **Greek and English** may, in each of the third and fourth years of their course omit any two of the subjects of those years, except Greek and English. They shall be examined in the following subjects, viz. :

GREEK.

The Greek subjects prescribed for the Special Course in Classics.

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

(8.) Undergraduates taking the Special Course in **English and German** must have taken German in the first and second years of their course, and may in each of the third and fourth years omit any two subjects of those years except English and German. They shall be examined in the following subjects :—

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

GERMAN.

Middle High German : Grammar (*Wright's* Middle High German Primer): Selections from *Hartmann von Aue*, *Walther von der Vogelweide*, *Nibelungenlied*, *Gudrun*, *Wolfram von Eschenbach*, *Freidank* or *Gottfried von Strassburg*, *Sebastian Brant* (*Wackernagels* *Kleineres Aldeutsches Lesebuch*).

Selections from Swiss and Plattdeutsch dialect literature.

German Literature of the 16th, 17th and 18th centuries, with selections from authors of that period.

Two of the chief literary works of Goethe not read in the ordinary course.

Translations of unspecified passages from any Modern High German author.

Prose Composition.

(9.) Undergraduates taking the Special Course in **English and English History** may, in each of the third and fourth years of their course, omit any two of the subjects of those years, except English and History. They shall be examined in the following subjects, viz. :

ENGLISH.

The English subjects prescribed for the Special Course in Latin and English.

ENGLISH HISTORY.

A minute investigation of English History from A. D. 1603-1689.

*Books recommended:* Green's History of the English People, Vol. 3; Lingard's History of England, Vols. 8-10; Hallam's Constitutional History of England, Chap. VI.-XIV.; Ranke's History of England; S. R. Gardiner's works on this period; Clarendon's History of the Great Rebellion; Masson's Life of Milton; Carlyle's Life of Cromwell; Forster's Life of Eliot; Bayne's Chief Actors in the Puritan Revolution.

(10.) Undergraduates taking the Special Course in **Philosophy** may, in each of the third and fourth years of their course, omit any one of the subjects of those years, except Senior Philosophy, which must be taken in both the Third and Fourth Years, and Ethics, which must be taken in the Third Year. They shall be examined in the following subjects :

I. General History of Philosophy from Thales to modern times.

Ferrier: *Greek Philosophy.*

K. Fischer: *Descartes and his School*, Pp. 1-158, 309-375, 465-493, 534-581.

Seth (A): *Scottish Philosophy.*

Royce: *Spirit of Modern Philosophy.*

II. Greek Philosophy from the Sophists to Aristotle, and Modern Philosophy from Locke to Kant.

Plato: Theætetus and Republic.

Aristotle: Metaphysics, Book I., and Ethics.

Locke: Essay on Human Understanding (with Fraser's Prolegomena).

Berkeley: Principles of Human Knowledge and Siris (with Fraser's Selections).

Hume: Human Nature, Vol. I. (with Green's Introduction).

Reid: Essays, VI.

III. Philosophy of Kant: The Critiques of Pure Reason, of Practical Reason, and of Judgment (as in Watson's Selections).

- IV. James : Principles of Psychology.  
Bradley : Principles of Logic.  
Green : Prolegomena to Ethics.  
Lotze : Metaphysics, Book I.  
Pearson : Grammar of Science.
- V. Any *one* of the following :—
1. History of Philosophy from Descartes to Leibnitz.  
Descartes : Method, Meditations and Principles ;  
Spinoza : Ethics ; Caird : Cartesianism (Encyc.  
Brit.). Martineau : Spinoza.
  2. History of Philosophy from Kant to Hegel.  
Hegel : Philosophy of State, and Logic (with  
Wallace's Prolegomena). Seth : Hegelianism,  
and Personality.
  3. History of Philosophy in Great Britain from Hume  
to Spencer. Comte : Positive Philosophy ; Mill :  
Examination of Hamilton's Philosophy. Spencer :  
First Principles.
  4. History of Ethics in Great Britain from Hobbes to  
Green. Hobbes and his Critics ; Utilitarianism  
—Bentham, Mill and Sidgwick ; Intuitionism  
—Butler, Calderwood, Martineau ; Evolutional  
Ethics—Spencer, Stephen, Huxley.
  5. Philosophy of Religion. Lotze : Philosophy of  
Religion. Martineau : Study of Religion. Caird :  
Philosophy of Religion. Balfour : Foundations  
of Belief.

(11.) Undergraduates taking the Special Course in **Mathematics and Mathematical Physics** may omit in the Third Year any two, and in the Fourth Year any three, of the subjects of those years, except Physics, and must take the Senior Physics Class in both the Third and Fourth Years. They are recommended to take Junior Physics in their Second Year, and in the event of their not having done so, to read, before entering the Third Year, the Text-Books of the Junior Physics Class which treat of the subjects discussed in the Senior Physics Class in their Third Year. They shall be examined in the following subjects, viz. :

#### MATHEMATICS.

TRIGONOMETRY.—Angular Analysis : Solution of Spherical Triangles ; Napier's Analogies ; with application to Astronomical Problems.

ANALYTICAL GEOMETRY.—The Conic Sections, and the Equation of the Second Degree between two variables ; as far as set forth in any standard treatise on the subject.

CALCULUS.—Differential and Integral, as set forth in any standard treatises on these subjects (Williamson's Treatises on these subjects recommended). Differential Equations (selected course), with practical application to Physical Problems (Woolsey Johnson's Treatise on the subject recommended).

#### MATHEMATICAL PHYSICS.

Either : Kinematics (*a*) of a point, (*b*) of a rigid system, and (*c*) of a deformable system : Dynamics (including both

Statics and Kinematics) (*a*) of a particle, (*b*) of systems of particles (including flexible strings), (*c*) of a rigid body, (*d*) of elastic solids, and (*e*) of fluids.

Or: Thermodynamics: and Electrodynamics (including Electrostatics).

These subjects are to be treated by the application of Analytical Geometry and the Differential and Integral Calculus.

(12.) Undergraduates taking the Special Course in **Experimental Physics and Chemistry** may, in the third Year, omit any one, and in the Fourth Year, any two of the subjects of those years, except Physics, Practical Physics, and Organic and Practical Chemistry. They must take the Senior Physics Class in both the Third and Fourth Years. They are recommended to take the Junior Physics Class in the Second Year, and, in the event of their not having done so, to read, before entering the Third Year, the Text-Books of the Junior Physics Class which treat of the subjects discussed in the Senior Physics Class in their Third Year. They shall be examined in the following subjects:

#### EXPERIMENTAL PHYSICS.

The Properties of Solids and Fluids, Heat, Electricity, and Magnetism, Light and Radiant Heat, and Sound, so far as these subjects can be treated by elementary mathematical methods. No set of books can be prescribed to show the extent of knowledge required; but in the Advanced Experimental Physics Class, candidates will be advised as to the course of reading to be pursued.

The experimental methods of the following original memoirs:—Joule's papers on the determination of the Mechanical Equivalent of Heat, contained in his Scientific Papers, (Taylor & Francis, vol. I, pp. 123, 172, 208, 542, 632; Faraday's Experimental Researches in Electricity (Quaritch), vol. I, Series III., IV., VI., VII., VIII. Lord Kelvin (Sir W. Thomson's) papers on the electrodynamic qualities of metals contained in his Mathematical and Physical Papers (Camb. Univ. Press), vol. II., pp. 189-407).

Candidates will be required also to show ability to carry out experimental investigations of physical laws and to determine practically important physical constants, such as Density, Specific Heat, Electrical Resistance, &c. Those who aim at High Honours (§ XII) will be expected to prepare a thesis embodying the results of a short original investigation.

#### CHEMISTRY.

**ORGANIC CHEMISTRY.**—Principles of Elementary Analysis, Practical Estimation of Carbon, Hydrogen, Oxygen and Nitrogen. Principles of Classification, Hydrocarbons, Chlorides, &c. Monatomic and Polyatomic Alcohols, Aldehydes, Volatile Fatty Acids. Compound Ethers, Ethers of Glycerine, Saponification, Organic Acids. Carbohydrates, Fermentation. Transformations of the Alcohols, and Laboratory Determinations. Aromatic Group. Compound Ammonias, Alkaloids.

*Books recommended:* Wurtz's Chemistry, Organic Part. Roscoe and Schorlemmer's Chemistry.

*For reference:* Roscoe & Schorlemmer: Watt's Dictionary of Chemistry, and other reference works in the Balance Room Library.



**PRACTICAL CHEMISTRY.**—Candidates will be required to show familiarity with modes of Manipulation, Preparation of Gases, Preparation of Laboratory Re-agents, Systematic Method of Testing for bases and for acids; also proficiency in one of the following:—(1) Quantitative Estimation of Metallic Ores, (2) do. of Inorganic Poisons, (3) Soil Analysis, (4) Sanitary Analysis. Special work will be prescribed according to the department selected by the candidate, and suitable books suggested.

*Books recommended for general work:* Macadam's Practical Chemistry, Fresenius's Qualitative Analysis, Thorpe or Appleton. Woechler's Mineral Analysis.

**§ IX.—Attendance.**—(1.) Undergraduates are required to attend with regularity the classes of their respective years. Professors shall mark the presence or absence of students immediately before commencing the work of the class, and shall note as absent those who enter thereafter, unless satisfactory reasons be assigned. The number of times absent, as recorded in the class registers, which shall disqualify for the keeping of a Session, shall be determined by the Faculty.

(2.) With the exception of persons who have qualified for matriculation at the Final Matriculation Examination (§§ v. (4)., and vi., (5).), no undergraduate shall be allowed to register, as such, more than ten days after the opening of classes, without the special permission of the Faculty.

(3.) Undergraduates of any year, who may have previously attended one or more of the classes of that year, and passed in the subjects of them, shall be exempted by the Faculty from attending those classes a second time.

**§ X.—Examinations.**—(1.) Undergraduates are required to appear as candidates at the various examinations held in connection with the classes which they may attend as parts of their course, and to prepare such theses, essays, reports, &c., as may be prescribed by the Professor. In all classes two examinations are held, one just before the Christmas vacation and the other after the close of lectures in the Spring. In some classes, other examinations are held at dates appointed by the Professor. In the determination of the Pass List and in the award of Class Distinctions, which may be of two grades—First and Second Class, the results of these various examinations and the degrees of excellence shewn in theses, essays, reports, &c., shall be taken into consideration.

General Students are admitted to the above Examinations as well as undergraduates, so far as the dates of the Almanac may permit; and their positions in the Pass and Distinction Lists are determined in the same way.

Certificates are issued to members of each class stating with what degree of regularity they have attended and what standing they attained.

(2.) Undergraduates who are exempted by § ix., (3), from attendance on one or more classes, shall be exempted also from passing the Examinations in the subjects of them.

(3.) Undergraduates of the Third and Fourth Years who are exempted from attendance in one or more classes, on presentation of certificates from recognized Colleges, shall be exempted from examination in the subjects of those classes on presentation of certificates of having passed examinations therein, in the said Colleges.

(4.) An undergraduate who fails to obtain a position on the Pass List in one or more subjects, at the end of any Session, shall be allowed a Supplementary Examination in such subject or subjects at the beginning of any subsequent Session, on the day appointed for that purpose in the University Almanac, (Sept. 16th, 1895). Or, he may be allowed to present himself at the ordinary Christmas and Spring Examinations of a subsequent year.

The ordinary fee for a Supplementary Examination shall be Two Dollars. But, to restrain undergraduates from giving the Examiners unnecessary trouble, a fee of Six Dollars will be required in the following cases: (1) if the undergraduate have absented himself from the Examinations for reasons considered insufficient by the Faculty; (2) if his answers at the Examination have been reported by the Examiner as having no value; (3) if he have failed to pass in more than two subjects.

(5.) An undergraduate who has failed to pass in any subject, will not be allowed to enter, as an undergraduate, a more advanced class in the same subject, or a class requiring a knowledge of the subject in which he has failed, until he has either passed the Supplementary Examination, or satisfied the Faculty that he is able to prosecute the work of the class with profit.

(6.) An undergraduate who fails either to appear, or to pass, at a Supplementary Examination, shall not be allowed a second Supplementary Examination the same Session, except by special permission of the Faculty; and in cases in which a second Examination is granted, a fee of Three Dollars will be charged in addition to the Supplementary Examination fee.

(7.) Undergraduates wishing to appear as candidates at any Supplementary or Special Examination, shall be required to give notice of their intention, to the Secretary of the Faculty, at least one week before the date of such examination. The fee to be remitted with such notice.

(8.) Students are forbidden to take any book or manuscript into the Examination Hall, except by direction of the Examiner, or to give or receive assistance, or to hold any communication with one another at the Examinations. If a

student violate this rule, he may be summarily expelled from the Examination room, and he shall be subject to such other penalty as the Faculty may see fit to impose.

**§ XI.—Degrees with Distinction.**—Degrees with Distinction will be conferred on undergraduates for special excellence shewn at the Examinations of the Third and Fourth Years of any of the ordinary courses for degrees, Mathematics of the Second Year being for the purposes of this rule regarded as a Third Year Class.

In awarding such Distinction the Faculty, while requiring that candidates shall attain a good standing in all their classes, will lay special stress on the attainment of a high standing in a few related subjects, in which “additional” private work is required as a condition of Distinction.

The term used to designate the students’ standing will be : With Distinction, With Great Distinction.

**§ XII.—Degrees with Honours.**—Degrees with Honours in any of the departments of study in which Special Courses are provided, will be conferred on undergraduates for special excellence shewn at the Examinations in the subjects of such courses.

Successful candidates will be declared to have obtained their degrees, With Honours, or With High Honours.

A candidate for Honours may defer his examination in the subjects of his Special Course until a year after he has passed the examinations in the ordinary subjects of the Fourth Year ; in which case, however, such candidate shall not be entitled to his Degree until he has passed the examinations of such Special Course.

**§ XIII.—Short Courses of Study for General Students.**—(1.) For the benefit of students who may not be able to spend four full years at the University, but may be able either to spend two full years or to give partial attendance for a longer period, short courses of study have been arranged, as specified below.

Students entering upon these courses are not required to pass any preliminary examination ; but they are recommended not to enter classes in which some knowledge of the subjects studied is assumed, without first consulting the Professors as to their ability to enter with profit upon the work of the classes.

To students who attend the classes in these courses with regularity, show diligence in the class work, and are successful in passing the examinations, certificates will be issued stating

the nature of the course pursued and the degree of success attained.

The details of the subjects studied in the classes mentioned below, will be found under Courses of Instruction (§§ i., xlvi.).

(2.) **Short Course of Liberal Studies.**—The aim of this course is to give the student the same kind of training as that provided by the B. A. and B. L. courses. It consists of ten classes. Of these, two must be in English, and the remainder may be selected by the student, subject to the provision of the Time Table, from the other subjects mentioned in this paragraph, with the following restrictions:—(a.) One of the four subjects—Latin, Greek, French, German—must be taken during two years, and if another of those subjects be selected, it also must be taken during two years. (b.) At least two of the four subjects—Mathematics, Physics, Chemistry, Botany,—and at least two of the three subjects—History, Political Economy and Philosophy,—must be taken for one year each; and any two of them, if subjects in which two classes are provided, may be taken during two years. The class in any subject which a student shall enter will be that for which he is fitted by his previous study.

(3.) **Short Course in Subjects bearing on Journalism.**—The aim of this course is to enable a student to study as thoroughly as the time at his disposal will permit, subjects which have a direct bearing on newspaper work in Canada. It consists of the following classes:—English (2nd Year and Senior Classes), French, (during two years), Junior Philosophy, Ethics, History, (Third and Fourth Years Classes), Political Economy, Constitutional History and Constitutional Law. Persons who have already acquired the requisite proficiency in some of the above subjects, may take other subjects in place of these or complete the course by attending the classes, and passing the examinations, in the remainder.

(4.) **Short Course in Subjects bearing on Commerce.**—This course is intended for young men who wish, before entering business offices to spend two years in studies bearing on their future work. It consists of ten classes, of which two must be in English, other two in one of the commercial languages—French, German,—the remaining six being selected from the following:—French, German, Mathematics, Physics, Chemistry, Political Economy, Contracts, Sales of Personal Property, Negotiable Instruments, Partnership and Companies and Marine Insurance.

Students who take this course may supplement it by obtaining, during the summer vacations, the practical training in business methods provided by a Business College.

§ XIV.—**Extra Classes not Qualifying for a Degree.**—From time to time classes are organized for the benefit of persons not wishing to proceed to a degree. Announcements of such classes are made at the beginning of the term. During the past session, 1894–5, the following course of lectures on Methods of Teaching was given. Prof. C. Macdonald on Mathematics (one lecture), President Forrest on History (two lectures), Prof. MacGregor on Physics (four lectures), Prin. O'Hearn on Arithmetic (two lectures), Prof. MacMechan on English literature.

### § XV.—Medal and Prizes.

*(The Senate reserves to itself the right of withholding Medal and Prizes in cases in which sufficient merit is not shown).*

THE SIR WILLIAM YOUNG GOLD MEDAL, founded by bequest of the late Hon. Sir William Young, will be awarded to the undergraduate standing highest among those taking Honours in the department of Mathematics and Mathematical Physics, the winners of other medals being excluded.

NORTH BRITISH SOCIETY BURSARY.—A Bursary of the annual value of \$60, founded by the North British Society of Halifax, is offered for competition at the Examinations of the Second Year's Course in Arts; it is tenable for two years; namely, during the Third and Fourth Years of the Undergraduate Course in Arts. Candidates must be undergraduates who have completed two years of the Curriculum, and must be eligible at the proper age, to be members of the North British Society. The next competition will take place in April, 1896.

THE WAVERLEY PRIZE.—This prize, the interest of an endowment of \$1000, will be awarded annually to the student of the Second Year Mathematical Class, who stands highest at the Examinations in the Mathematics of the year, the winner of the North British Society being excluded.

THE AVERY PRIZE.—This prize, the interest of \$500, bequeathed for this purpose by the late J. F. Avery, M.D., will be awarded on graduation to the student standing highest among those graduating with Distinction. See § XI.

SCHOLARSHIPS.—The following scholarships are offered for competition at the Junior Matriculation Examination in the Faculties of Arts and Science, to students entering the First Year. The Mackenzie bursar is not eligible. See § V.

(a.) Four Sir William Young Scholarships; of the value of Forty Dollars each, tenable for one year and payable in two instalments.

(b.) One Professors' Scholarship ; entitling to exemption from fees throughout the entire course, in classes conducted by Professors in the Faculties of Arts and Science ; provided the scholar make progress satisfactory to the Faculty.

They will be awarded to the five candidates ranking highest at this Examination ; provided their standing is considered satisfactory by the Faculty. The successful candidates will be allowed to select, in order of their standing, the scholarships which they shall hold.

THE MACKENZIE BURSARY.—A Bursary of the value of \$200 will be offered annually at the Junior Matriculation Examination to candidates entering the First Year, in accordance with the following condition of bequest :

“To Dalhousie College, £1,000 for founding a Bursary for students attending said College, subject to such conditions and regulations as the governing body of said College may appoint, but with this proviso that said Bursary shall be called the ‘Mackenzie Bursary,’ and that students of the name of Mackenzie, Maclean and Fraser shall have a preference in the selection of beneficiaries therefor.”

Competitors of the name Mackenzie, Maclean or Fraser, who obtain Distinction will be given the preference. Should no candidate of the name of Mackenzie, Maclean or Fraser obtain Distinction, the Bursary will be awarded to the candidate standing highest among those obtaining Distinction.

The Bursary is payable in four annual instalments ; and the payment of any instalment is conditional on the bursar's attending the classes required for undergraduates, and making satisfactory progress therein.

The first award will be made in September, 1895.

The following scholarships are offered for competition at the Senior Matriculation Examination in the Faculties of Arts and Science, to students entering the Second Year. See § v.

(a.) One Sir William Young Scholarship ; of the value of Forty Dollars, tenable for one year and payable in two instalments.

(b.) One Professors' Scholarship ; entitling to exemption from fees throughout the entire course, in classes conducted by Professors in the Faculties of Arts and Science ; provided the Scholar make progress satisfactory to the Faculty.

They will be awarded to the two candidates ranking highest at this Examination ; provided their standing is considered satisfactory by the Faculty. The successful candidates will be allowed to select, in order of their standing, the scholarships which they shall hold.

THE NEW BRUNSWICK ALUMNI PRIZE, of the value of Fifty Dollars, which is offered by the N. B. Alumni Association of

Dalhousie College, will be awarded to the student from New Brunswick who stands highest among those passing the Matriculation Examination, September, 1895, provided he (or she) has received the greater part of his (or her) education in N. B., and has not been at school outside of the Province for more than a year previous to the date of the examination; also, provided he (or she) has not been awarded one of the Sir Wm. Young or Professors' Scholarships, or Mackenzie Bursary.

**§ XVI.—1851 Exhibition Science Scholarship.**—The scholarship offered by Her Majesty's Commissioners for the Exhibition of 1851, which is of the annual value of £150 sterling, and is tenable for two years (see Faculty of Science, § xxxix.), is open to students of the University.

**§ XVII.—Residence.**—All students are required to report their places of residence to the President on or before the day appointed in the University Almanac (October 18th).

All students not residing with relatives or friends are required to reside in approved lodging-houses.

Persons who wish to take students as boarders, must furnish the President with satisfactory references. A Register is kept by the President, containing the names of those persons who have satisfied this condition; and for the convenience of students, a list of the names and addresses of such persons will be posted on the notice-board in the College hall at the beginning of Session.

Lady undergraduates in any Faculty are admitted, on certain conditions, as boarders to the Halifax Ladies' College.

**§ XVIII.—Church Attendance.**—All students not residing with parents or guardians, are required to report to the President on or before the day appointed in the University Almanac, (October 18th), the churches they intend to make their places of worship during the Session. Intimation will be made to the various clergymen of the city, of the names and addresses of the students who have chosen their respective places of worship.

**§ XIX.—Discipline.**—The Senate may use all means deemed necessary for maintaining discipline.

**§ XX.—Degree of Master of Arts and Master of Letters.**—The degree of Master of Arts or of Letters will be conferred on a Bachelor of Arts or of Letters of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research on some literary, philosophical or scientific subject; or on his passing an examination in a course of study,

appointed or approved by the Faculty, of about the extent represented by the academic work of one year of the Arts or Letters Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University, or by private reading, and to adapt the courses to their individual tastes and capacities. But no course of study will be approved unless it is confined either to one department of study or to closely related departments.

Theses must be sent to the Secretary to the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the Autumn. Candidates must give one month's notice of their intention to appear for examination.

The following courses have been prescribed within the last year for M. A. Examinations :

#### M. A. COURSES IN PHILOSOPHY.

- I. The Philosophy of Kant as contained in the *Prolegomena*, *Critique of Pure Reason*, *Critique of Practical Reason*, and the *Critique of Judgment*.  
The Philosophy of Religion. Martineau's *Study of Religion*, Lotze's *Philosophy of Religion*; also Smyth's *Christian Ethics*.  
Collateral Reading. Caird's *Critical Philosophy of Kant*, Fischer's *Kant*, Watson's *Kant and his English Critics*, Sterling's *Text-Book to Kant*.  
A general knowledge of the history of Philosophy from Locke to Kant is also required.
- II. The Philosophy of Kant and Recent Idealistic Ethics.  
The course in Kantian Philosophy as described above.  
Green's *Prolegomena to Ethics*.  
A general knowledge of the history of Metaphysical Philosophy from Locke to Kant.
- III. The Philosophy of Hegel.  
Hegel's *Philosophy of History, of State, and Logic*.  
General Knowledge of the History of Philosophy from Kant to Hegel.  
Collateral Reading. Wallace's *Prolegomena*, Seth's *'From Kant to Hegel,'* Seth's *Hegelianism and Personality*.
- IV. Moral Philosophy.  
General knowledge of the history of Moral Philosophy in Greece and in Great Britain,  
Plato's *Republic*, Aristotle's *Ethics*, Hobbes' *Leviathan*, Butler's *Sermons*, Mill's *Utilitarianism*, Spencer's *Data of Ethics*, Martineau's *Types of Ethical Theory*, Vol. II, Bk. I, Green's *Prolegomena to Ethics*, Seth's *Ethical Principles*.  
Kant's *Critique of Pure Reason* and *Metaphysics of Morality*.
- V. The Philosophy of Lotze.  
General acquaintance with the history of post Kantian philosophy.  
Lotze's *Microcosmos, Logic, Metaphysics*.



Examinations for M. A. and M. L., will be held at the time of the Spring Examinations for B. A. In special circumstances an examination will be granted in the Autumn, but in that case an additional fee of Five Dollars will be charged. In case of failure, the fees will not be returnable; but the candidate will be allowed a second examination without further fees.

Candidates must give at least a month's notice of their intention to appear at an M. A., or M. L. Examination. For fee see § XXIV.

§ **XXI.—Degree of Doctor of Laws.**—The degree of Doctor of Laws may be conferred, *honoris causa*, for eminent literary, scientific or professional services.

§ **XXII.—Admission ad Eundem Gradum.**—Graduates of Universities approved by the Senate, who have received their degrees in course, shall be admitted *ad eundem gradum* in this University, on producing satisfactory proof of character and academic standing. For fee see § XXIV.

§ **XXIII.—Academic Costume.**—(1.) Bachelors and Masters of Arts, and Bachelors and Masters of Letters, of this University, shall be entitled to wear gowns, of black stuff, and hoods. The distinctive part of the costume is the hood. The following are the kinds of hood appointed for the various degrees :—

B. A.—Black stuff lined with white silk and bordered with white fur.

M. A.—Black stuff lined with crimson silk.

B. L.—Black stuff, with a lining of white silk, bordered with light blue silk.

(2.) Successful candidates for these degrees shall be required to appear at Convocation in the proper academic costume, to have the degrees conferred upon them. Degrees will be conferred in the absence of the candidate only by special permission of the Senate.

**DOCTORS OF LAWS.**—Doctors of Laws shall be entitled to wear gowns of black silk and hoods of black silk lined with purple silk.

§ **XXIV.—Fees.**—(1.) Fees are payable by students for Registration, (entitling to the use of the Library and the Gymnasium,) for classes attended, and for certain examinations. They are payable in advance.

No student is allowed to enter a class until he has paid the proper fees.

The following is a statement of the fees payable by students, whether undergraduates or general students :

|  |         |
|--|---------|
| Registration Fee, payable annually by all students taking more than one class.....                               | \$ 4 00 |
| Registration Fee, payable by students taking only one class .....  | 2 00    |
| Fee for each class attended, (not being Practical Classes), per Session .....                                    | 6 00    |
| Fee for the Practical Chemistry Class, three hours a week, per Session.....                                      | 8 00    |
| Fee for the Practical Chemistry Class, five and not exceeding ten hours a week .....                             | 14 00   |
| Fee for the Practical Physics Class, five hours per week, per Session .....                                      | 6 00    |
| Fee for the Practical Physics Class, ten or more hours a week .....  | 12 00   |
| Supplementary Examination Fee, payable on giving the notice required by § x. (7)... either \$2.00 or (§ x. (4) ) | 6 00    |
| Additional Fee for Second Supplementary Examination, if granted (§ x. 6) .....                                   | 3 00    |
| Special Examination Fee, payable on giving the notice required by § x. (7).....                                  | 2 00    |
| Fee for Special Certificate of Standing, under Seal .....  | 5 00    |

Undergraduates who entered previously to 1894-95 are referred to the Calendar of 1893-94 for scale of fees applicable in their case.

(2.) The graduation fees shall be as follows :—

|   |       |
|---|-------|
| *Fee for the B. A. or B. L. Examination, which is payable by candidates before the Spring Examinations of the Fourth Year ..... | \$    |
| *Fee for M. A. or M. L. Examination, which must accompany the Thesis, or intimation of intention to appear for examination..... | 10 00 |
| Fee for B. A. or M. A., ( <i>ad eundem gradum</i> ) .....   | 10 00 |

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\* In case of failure in the examination, the fee will *not* be returned ; but a second examination will be allowed without further fees.

# Faculty of Pure and Applied Science.

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THE PRESIDENT (*ex officio*).

CHARLES MACDONALD, M. A.

GEORGE LAWSON, PH. D., LL. D.

JAMES LIECHTI, A. M.

J. GORDON MACGREGOR, D. SC.

ARCHIBALD MACMECHAN, B. A., PH. D.

MARTIN MURPHY, D. SC., C. E.

EDWIN GILPIN, JR., A. M., LL. D., F. G. S.

F. W. W. DOANE, C. E.

C. E. W. DODWELL, B. A., M. I. C. E.

RODERICK MCCOLL, C. E.

WALTER C. MURRAY, M. A.

ALEXANDER MCKAY, ESQ.

A. W. H. LINDSAY, M. D.

L. M. SILVER, M. D.

S. A. MORTON, M. A.

*Dean of the Faculty:* PROFESSOR MACGREGOR.

*Registrar to the Faculty:* PROFESSOR LIECHTI.

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## § XXV.—Courses of Instruction.

### I.—MATHEMATICS.

*Professor* ..... C. MACDONALD, M. A.

First Year Class.

*Daily, 11 A. M.—12 M.*

As in the Faculty of Arts (see § I., vi., p. 27)—Undergraduates of this Faculty, taking Courses A, B, E, F, G, or H (§ XXX.) will be expected both to qualify themselves by diligent study for taking, and to take, the additional work for Distinction.

**Second Year Class.***Daily, 10—11 A. M.*

As in the Faculty of Arts (see § I., vi., p.27)—Undergraduates of this Faculty taking Courses A, B (if they are to enter the Special Course in Physics and Physical Chemistry, § XXXI.), E, F, G, or H, are required to qualify themselves by diligent study for entering, and to enter, the Higher Division of this Class. Only students who pass a satisfactory examination in the work of the Higher Division are admitted to the Advanced Class, which is one of the third year classes in the courses mentioned above.

**Advanced Class.**

As in the Faculty of Arts (see § I., vi., p. 28)—The work of the First Division of this class is taken up in the Third Year, that of the Second Division in the Fourth Year.

The "partial course" of study prescribed in the Third Year of some of the B. Sc. Courses (§ XXX.) consists of a portion of the work of the First Division, viz., Analytical Trigonometry, Analytical Geometry, and Differential Calculus.

The "partial course" prescribed in the Fourth Year of such Courses, consists of a portion of the work of the Second Division, viz., Differential and Integral Calculus and Differential Equations.

**II.—PHYSICS.**

*Professor*.....J. G. MACGREGOR, D.Sc.

**Junior Physics Class.***Tuesdays, Thursdays, and Fridays, 11 A. M.—12 M.*

The subjects of the lectures will be:—The Elements of Dynamics; the Properties of Solid and Fluid Bodies; Heat, Electricity and Magnetism; Light and Radiant Heat; and Sound. These subjects will be treated in an elementary manner, the mathematical knowledge assumed being no greater than may be acquired in the First Year Class.

Besides the Christmas and Spring Examinations, others are held at unspecified dates, and students are expected throughout the Session to hand in Problem Papers for correction and criticism.

The following works are recommended as books of reference:—Lodge's Elementary Mechanics (W. & R. Chambers), Wormell's Thermodynamics (Longmans, Green & Co.), Jones' Heat, Light and Sound (Macmillan & Co.), Cumming's Electricity Treated Experimentally (Rivingtons), and Cotterill & Slade's Applied Mechanics (Macmillan & Co.) Illustrative problems may be found in Jones' Examples in Physics (Macmillan & Co.).

**Senior Physics Class.***Mondays and Wednesdays, 10—11 A. M.*

The course of study will extend over two years, and will assume a knowledge of the Mathematics of the Second Year Class.

In 1895-96, the subjects will be: Heat, including the general principles of Thermodynamics, Air and Gas engines, and the Steam engine; Electricity and Magnetism, including dynamo-electric machines and electric motors. Maxwell's Theory of Heat (Longmans & Co.), Cumming's Theory of Electricity (Macmillan & Co.), Ewing's Steam Engine and other Heat Engines (Cambridge University Press), and Jackson's Electro-Magnetism and the Construction of Dynamos (Macmillan & Co.), will be used as books of reference. Students will be expected to read privately specified portions of these works not treated in class.

In 1896-97 the subjects studied will be Kinematics, Dynamics (including Kinetics and Statics), Hydrodynamics (including Hydrostatics and Hydraulics) and Elasticity. The Professor's Kinematics and Dynamics (Macmillan & Co.), will be used as a text book, being supplemented by reference to other works, especially in the discussion of graphical methods, and of Hydraulics. Students will be expected to acquire considerable power of solving dynamical problems, to practise the graphical solution of problems in the Drawing room, and to read privately specified portions of the books of reference on subjects not fully discussed in class.

#### Advanced Mathematical Physics Class.

As in the Faculty of Arts (see § I., vii., p. 29)—The "partial course" of study in this class in the Fourth Year of some of the B. Sc. Courses (§ XXX.), consists of the following subjects:—

For 1895-96: Kinematics and Dynamics of a particle and of a rigid body.

For 1896-97: Either Thermodynamics or Electrodynamics.

#### Advanced Experimental Physics Class.

As in the Faculty of Arts (see § I., vii., p. 30).

#### Practical Physics Class.

As in the Faculty of Arts (see § I., vii., p. 30)—Students taking course B (see § XXX.) will devote a considerable portion of their time to physico-chemical methods of experiment; those in course C to illustrative experiments and the determination of simple physical laws; those in course D to thermal and electrical experiments; those in courses E, F, and G, to the elastic properties of bodies and thermal and electrical experiments; and those in course H to electrical measurements.

### III.—CHEMISTRY.

*Professor* .....GEORGE LAWSON, PH. D., LL. D.

#### Inorganic Chemistry Class.

*Tuesdays, Wednesdays, and Fridays, 9—10 A. M.*

As in the Faculty of Arts, (§ I., viii., p. 31).

#### Organic Chemistry Class.

*Mondays and Thursdays, 9—10 A. M.*

As in the Faculty of Arts, (§ I., viii., p. 31).

### Practical Chemistry.

In addition to the work sketched in § I., viii., p. 32, instruction will be given to students of this Faculty, as may be required, in the use of the Blow-pipe for qualitative determinations of the constituents of Economic Minerals and Metallic Ores, and in wet processes for quantitative estimates; also preliminary instruction in the practical examination by the microscope and experimentally, of the physical and chemical characters of sands, building stones, lime, brick, clays, cements, and other building materials, &c. The nature and extent of the work undertaken by the student, will, in each case, be determined and regulated by his individual requirements. Should special training be desired in any chemical industry not indicated, the necessary scientific instruction will be given as far as practicable.

## IV.—MINERALOGY AND LITHOLOGY.

*Lecturer* .....GEORGE LAWSON, PH. D.

### Systematic Class.

A course of systematic instruction in Mineralogy and Lithology will be conducted in the Museum, illustrated by the McCulloch Collection.

### Assaying.

The work of this class will be devoted to mineral analysis and the assaying of ores of Iron, Antimony, Copper, Lead, Silver, Zinc, etc.; Gold quartz, Plaster, Coal, Manganese Oxide, Barytes, Phosphatic Minerals, etc.

## V.—APPLIED MECHANICS.

*Lecturer* .....J. G. MACGREGOR, D. SC.

### Twice a week.

The object of this class is to study the practical application of Dynamics to the various branches of Engineering. The series of lectures will form a two years course, so arranged that students may enter the class at the beginning of either year. The subjects studied will be as follows:

In 1895-96. Resumé of the Principles of Dynamics.—The Mechanics of Machinery, including (a) Kinematics; relative velocities and accelerations; velocity and acceleration diagrams; link-work, wheel-teeth, belts, cams, the screw, conic mechanisms, bevel and skew gearing, parallel motions, etc. (b) Dynamics; equilibrium of mechanisms, force and work diagrams, inertia of moving parts, fly-wheels, governors, friction. (c) Energetics: production, transmission and measurement of power, prime movers.—Kennedy's *Mechanics of Machinery* (Macmillan & Co.), will be used as text book, being supplemented by reference to other works.

In 1896-7. Resumé of the Principles of Statics; The Theory of Structures, including the equilibrium and stability of beams, frames, trusses, and girders, of chains, cords, and ribs, and of abutments, arches and vaults, with straining actions due to loads; the Strength of Materials, including the

relation of stress to strain and resistance to stretching, shearing, crushing, bending, twisting, and wrenching. Graphical methods will be studied and practised in the Drawing-room, Hoskins' Elements of Statics (Macmillan & Co.) being used as text book. Other books of reference will be announced at the opening of the class.

Students will be expected to acquire considerable power of solving problems, and to read privately, specified portions of books of reference on subjects not fully discussed in class.

## VI.—DESCRIPTIVE GEOMETRY.

*Lecturer*.....S. A. MORTON, M. A.

This course of lectures will include the following subjects: Plane Geometry: construction of scales, construction and areas of plane figures, properties and construction of curves; Solid Geometry: problems on the straight line and plane, projection of lines, planes and solids, simple intersections of planes and solids, easy examples of projection of shadows.

*Books of reference:* Angel's Practical Plane Geometry and Projection, Millar's Descriptive Geometry, Low's Descriptive Geometry.

## VII.—DRAWING.

The following classes of the Victoria School of Art and Design are recognized as qualifying for a degree:

The classes in the subjects of Free-hand Drawing, Geometrical Drawing, Shaded Drawing from the Round, Modelling in Clay, Principles and Practice of Decorative Design, and Elements of Perspective. This course of instruction extends over three years and is the one to be taken by students preparing for Science Masterships in Schools.

The classes in Mechanical Drawing, including Practical Geometry, Descriptive Geometry, Projection of Lines, Planes and Solids, Sections by Planes, Developments, Penetrations, Curved Surfaces and Surfaces of Revolution, Preparation of Working Drawings of Machines to scale. This course of instruction extends over three years, and is the one to be taken by Engineering Students.

The class in Building Construction and Architecture may be taken by Civil Engineering Students instead of the third year of the Mechanical Drawing Class.

## VIII.—CIVIL ENGINEERING.\*

*Lecturer*.....M. MURPHY, D.Sc., C. E., *Provincial Engineer.*

*Once a fortnight.*

The subjects treated will be:—Materials and Constructions; Earth-work; Masonry; Carpentry; Structures of Timber, Stone and Iron; the Construction of Common Roads; Railways; Bridges; Water Supply for Towns; and Reclamation of land from the sea.

\* If in any year there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturer. The practical part of the class work will always be carried out.

Such works as are named above are generally in operation in Nova Scotia, under the supervision of the Provincial Engineer, and advanced students in the Engineering Class will be afforded an opportunity of examining them under construction.

Text books and books of reference will be announced at the opening of the class.

### IX.—SURVEYING.

*Lecturer*.....R. MCCOLL, C. E., *Asst. Provincial Engineer.*

*Once a week.*

The subjects treated will be:—Chain Surveying; Angular Surveying; Calculating Areas; Use and Adjustment of Transit, Theodolite, Level (Dumpy, Wye, &c.), Aneroid Barometer, and other field instruments; Contour Surveying; Plotting; Topography; Levelling (including indirect and barometric).

Practical operations will be carried on in the field and will include Chain and Compass Surveys, Measurements of Base Lines, Triangulation Survey, Preliminary and Location Survey of a line of road, setting out work, etc.

Students will be expected to keep complete notes and to prepare all drawings required from them.

Text books and books of reference will be announced at the opening of the class.

### X.—MINING.\*

*Lecturer*.....E. GILPIN, JR., A. M., LL. D.

*A Course of Twelve Lectures.*

The subjects of the lectures will be: Geology in relation to Mining; Occurrence of Veins and Beds; Preliminary Operations; Valuation of Properties; Shaft and Slope Sinking; Mining Operations; Unstratified and stratified minerals; Ventilation; Pumping; Hoisting; Mining Appliances, Tools, &c.; Cleaning of Ores and Coals.

*Text Books* (preliminary list): Smith's Coal Mining; Andre's Treatise on Coal Mining; Chance's Coal Mining. Pennsylvania; Dana's Metalliferous Mines; Merrivale's Notes and Formulæ; Geikie's Outlines of Field Geology; Hilseng's Manual of Mining.

### XI.—HYDRAULIC ENGINEERING.\*

*Lecturer*.....C. E. W. DODWELL, B.A., M.I.C.E.

*Once a Fortnight.*

The subjects treated will be as follows:—

Flow of water through orifices and short tubes, and in pipes and open channels.

Water supply to cities and towns; Quantity and quality necessary; Rainfall, watershed, springs, wells, lakes and

\* If there should not be a sufficient number of students to form a class in this subject, the lectures will not be given, but the student will pursue course of reading under the supervision of the Lecturer.



rivers; Storage of water in natural and artificial reservoirs; Measuring weirs and stream gauging; Filtration and other methods of treating impure waters; Construction of dams of stone, earth and timber; Details of construction of a town supply; Mains and distribution pipes, thickness, weight, strength, methods of moulding, preserving and laying; Valves, hydrants, &c.; Pumping engines.

Turbines and water-wheels.

River improvements.

## XII.—MUNICIPAL ENGINEERING.\*

*Lecturer*.....F. W. W. DOANE, C. E.

*Once a fortnight.*

The subjects treated will be:—Streets,—laying out, opening, formation, sidewalks, paving, cleaning, sprinkling, street railways, obstructions, &c.; works of sewerage—grades, materials, foundations, sectional form, course, ventilation, flushing, subsoil drainage, intercepting sewers, sewage disposal, &c.; house drainage and plumbing, roof water disposal, cesspits, disposal of garbage, &c.; building inspection; water supply, plumbing—service pipes, stopcocks, effect and prevention of waste, &c.

## XIII.—BOTANY.

*Lecturer*.....G. LAWSON, PH D., LL. D.

In addition to the work laid down in the Faculty of Arts (§ I, ix., p. 33), practical instruction will be given in the collecting, drying and mounting of specimens, dissection of the flower and fruit, &c., into their component parts, the use of the Microscope, Preparing of Sections, Mounting of Preparations, and Microscopical Analysis, to students who are prepared to give the necessary time for such instruction.

Students of the C or D Course in the Faculty of Pure and Applied Science are required, during the summer vacation, to engage in practical botanical work, and to present, on entering their second year, either a report upon Microscopical work in some special department during the summer, or a collection of specimens of native plants of the district of their residence, properly prepared and named, accompanied by a systematic catalogue.

## XIV.—PHYSIOLOGY (INCLUDING EMBRYOLOGY).

The University provides no instruction in this subject; but the class conducted in the Halifax Medical College by Professor L. M. Silver, M. D. and C. D. Murray, M. B., is recognized as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, and for part of the Session on a fourth day, at 11—12 A. M. The fee for the course is \$15.00.

Undergraduates who take this class as part of Course C (§ xxx), are not required to attend the lectures on Embryology or to pass an examination on this section of the class work.

\* See footnote on p. 62.

Undergraduates who have taken this class as part of their course are required either to present a certificate of having passed the examination of the Faculty of Medicine or to pass an examination conducted by the Examiner of this Faculty. In the latter case a fee of \$3.00 is to be paid to the Examiner.

#### XV.—HISTOLOGY.

The University provides no instruction in this subject, but the class conducted by G. M. Campbell, B. A., M. D., in the Halifax Medical College, is recognized as qualifying for a degree. The class meets on Mondays, Wednesdays and Fridays, at 11—12 A. M. The fee for the course is \$15.00.

The regulation as to examinations is the same as in the case of Physiology, the fee payable being \$3.00.

#### XVI.—ANATOMY.

The University provides no instruction in this subject, but the Junior or the Senior Anatomy Class and the Practical Anatomy Class conducted in the Halifax Medical College by Professor A. W. H. Lindsay, M. D., are recognized as qualifying for a degree. The Junior Anatomy Class meets on Mondays, Wednesdays and Fridays, at 10—11 A. M. The Senior Class meets on Tuesdays, Thursdays and Saturdays, at 10—11 A. M. The fee for either of these classes is \$15.00. The Practical Anatomy Class meets daily, 3—5 and 8—10 P. M.; fee \$12.00.

Undergraduates who have taken the Practical Anatomy Class as part of their course are required to produce evidence of having, during their attendance on such class, carefully dissected at least three "parts" of the body.

Undergraduates who have taken the above classes as parts of their course are required either to present certificates of having passed the examinations conducted by the Faculty of Medicine or to pass before the Examiner of this Faculty a written examination in the subjects of the Junior or Senior Anatomy Class and an oral or practical examination on such "parts" of the body as they may have dissected. In the latter case an examination fee of \$3.00 is payable, which covers both written and oral examinations.

#### XVII.—MENTAL SCIENCE.

*Professor*.....WALTER C. MURRAY, M. A.

The class in Mental Science is that known in the Arts Faculty as Junior Philosophy (§ I. v, p. 25.)

The aim of the course in Logic is chiefly disciplinary. In the Psychological course experiments will be introduced as much as possible not merely for purposes of illustration but also to supply data for inductions of psychological laws. Special attention will be given to the relation of Psychology to Educational methods.

*Text Books*—Minto's or Fowler's or Jevons' Logic; James' Psychology, (Briefer Course). Recommended for students in Education: Sully's Teachers' Handbook of Psychology; McLellan's Applied Psychology; Morgan's Psychology for Teachers.

## XVIII.—EDUCATION.

Lecturers ..... } ALEX. MCKAY, ESQ.  
 } PROF. W. C. MURRAY, M. A.

## Class of Theory and History of Education.

Wednesdays, 4—6 P. M.

The work of this class consists of two separate courses of lectures. The course of the History of Education is given by Mr. McKay on Wednesdays, at 4—5 P. M.; the course on the Theory of Education is given by Prof. Murray on Wednesdays, at 5—6 P. M. Principal W. T. Kennedy will give five or six lectures on School Management.

(1.) *History of Education, and School Law.*

This course consists of lectures and recitations on: (a) The History of Education in different ages and countries; Comparison of Education systems; Theories of writers on Education; Eminent Educators. (b) School Law.

*Text Book*—Compayré: History of Pedagogy.—The following books are also recommended: Quick: Educational Reformers; Browning: Educational Theories; School Law of Nova Scotia, 1892.

(2.) *Theory of Education.*

In this course the principal questions of educational science, such as the End, the Methods, the Studies, the Teacher, the School, will be considered. Three types of Educational Theory. Instructionism, Disciplinism, and Culture, will be critically considered.

*Books recommended*—Spencer's Education; Locke's Thoughts on Education (edited by R. H. Quick); Thring's Theory and Practice of Teaching; Laurie's Institutes of Education; Laurie's Language and Linguistic Method; Fitch's Lectures on Teaching; Report of Committee on Secondary Education (Bureau of Education U. S. A.); Huxley's Essays on Education.

## Class of the Practice of Education.

The work of this class will consist of (a) Lectures by Professors of the College and prominent Teachers on educational subjects; (b) Observation of the practice of successful teachers, and practice in conducting schools; and (c) Discussions on points raised in the course of the observation and practical experience of the class.

Members of the class who pass satisfactory examinations on the subjects studied, and are favorably reported upon by the supervisors of their practical work, will be granted certificates showing the standard of excellence attained and the time spent in practice.

Students who take this class as part of Course C for the degree of B. Sc. (§ XXX) will be required to spend at least 200 hours in practical work under supervision approved by the Faculty. Those who take the class as part of the Course for the Diploma of Literate in Education (§ XXXVI) will be required to spend at least 400 hours in practical work.

*Useful books*—DeGarmo's Essentials of Method; Fitch's Lectures on Teaching; McMurray's General Method; Baldwin's School Management.

## XIX.—ENGLISH.

*Professor* ..... ARCHIBALD MACMECHAN, PH.D.

As in the Arts Faculty, (§ i., iii., p. 22).

## XX.—FRENCH AND GERMAN.

*Professor* ..... J. LIECHTI, M. A.

As in the Arts Faculty, (§ i., ii., p. 19).

§ **XXVI.—The Academic Year** consists of one Session. The Session of 1895-96 will begin on the 11th September, 1895, and end on the 23rd April, 1896.

§ **XXVII.—Admission of Students.**—The regulations for the admission of students to the classes of this Faculty are the same as in the Faculty of Arts (§ iii., p. 33).

§ **XXVIII.—Degree of Bachelor of Science (B.Sc.).**

(1.) The regulations for the admission of students to the courses of study leading to this degree are the same as in the case of the B. A. and B. L. degrees in the Faculty of Arts, (§ iv., 2—4, p. 34).

(2.) Undergraduates who have completed a portion of their Arts or Science Courses either in this University or elsewhere, will be admitted to such advanced standing in the courses leading to the above degree, as the subjects which they have studied may seem to warrant, and arrangements will be made to enable them to complete the courses in as short a time as possible.

(3.) Candidates for the degree of B. Sc. are required to pay a fee of five dollars before the final examinations for the degree. In the event of failure the fee will not be returned, but the candidate will be admitted to one subsequent examination without payment of this fee.

§ **XXIX.—Matriculation Examinations.**—(1.) The Junior Matriculation Examination by which a student may gain entrance to the first year of the various courses in this Faculty, is the same as that prescribed for candidates for entrance into the first year of the B. L. Course in the Faculty of Arts. The regulations as to distinction, exemptions, dates, &c., are the same as in the case of the Junior Matriculation Examination of the Faculty of Arts (see § v., p. 34).

(2.) The subjects of the Senior Matriculation Examination by which a student may gain entrance to the Second Year of the various courses in this Faculty, consist of the subjects of

the Junior Matriculation Examination, and of the First Year of the course in which he wishes to enter (§ XXX.) The regulations as to exemptions, dates, &c., are the same as in the case of the Senior Matriculation Examination of the Faculty of Arts. (See § VI., 2—5, p. 36).

**§ XXX.—Courses of Study for Degree of B. Sc.—** Eight Courses of Study are provided, which lead to the Degree of B. Sc. They are as follows:—

Course A has as main subjects Mathematics and Physics, and is suited to the requirements of students who wish to prepare themselves for higher teaching positions in these departments, or to obtain a thorough groundwork for a subsequent course in Engineering.

Course B has as main subjects Experimental Physics and Chemistry, and is intended to enable students to prepare themselves for higher teaching positions in these departments, or for engaging in chemical industries.

Course C includes a study of the various sciences, of English and other Modern Languages, of Drawing, and of Education, and is designed to prepare students to discharge the duties of Science Masters in High Schools.

Course D has as main subjects Chemistry and Biology, and is especially suitable for students who intend to enter upon the study of Medicine. It includes a sufficient number of the scientific subjects of the medical curriculum to enable the student to shorten his subsequent medical course by one year. Students taking this course should matriculate in the Faculty of Medicine at as early a stage as possible. Classes taken in this course which are common to it and the M. D. C. M. course are recognized as qualifying for that degree, provided the student has already matriculated in Medicine, and pays the fees required by the regulations of the Faculty of Medicine.

Courses E, F, G, H, are intended for students who aim at becoming Civil, Mechanical, Mining or Electrical Engineers respectively. Their main subjects are Mathematics, Physics (including Dynamics), Applied Mechanics, and Drawing, and they include also courses of lectures on the practice of different departments of Engineering, offered by leading engineers of the City of Halifax. Course H includes the foundation of pure science, and the earlier stages of the practical study of electricity, which are necessary for the electrical engineer.

The following is a statement of the classes which must be attended in the above courses. Details as to the subjects studied in these classes will be found under Courses of Instruction (§ xxv.) Classes to which the letters A, B, &c., are

attached, are to be taken in the Courses indicated above by the same letters. Those to which no letters are attached, are common to all the Courses.

**First Year.**

- (1.) Mathematics.
- (2.) Inorganic Chemistry.
- (3.) For A, B, E, F, G, H, Drawing. For C, D, Botany.
- (4.) English.
- (5.) French.
- (6.) German.

Practical work in Botany will be prescribed for students taking Courses C, D, the work to be done during the summer vacation.

**Second Year.**

- (1.) Mathematics.\*
- (2.) Junior Physics.
- (3.) Practical Chemistry.
- (4.) Drawing.
- (5.) English.
- (6.) For B, C, D, French or German. For A, E, F, G, H, Descriptive Geometry.

**Third Year.**

- For A.—Advanced Mathematics; Senior Physics; Mental Science; French or German.
- For B.—Senior Physics; Organic Chemistry; Practical Chemistry; Assaying or Practical Physics; French or German.
- For C.—Practical Physics; Practical Chemistry; Mental Science; French or German; Drawing; Education (Theory and History and Practice).
- For D.—Practical Physics; Organic Chemistry; Practical Chemistry; Mental Science; French or German.
- For E.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Drawing; Surveying.
- For F.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Assaying; Drawing; Surveying.
- For G.—Advanced Mathematics (partial course); Senior Physics; Applied Mechanics; Assaying; Drawing; Surveying.
- For H.—Advanced Mathematics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of Machinery) or Drawing.

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\* Undergraduates taking Courses A, E, F, G, H, and those taking B, if they are to enter the Special Course in Physics and Physical Chemistry, must give special attention to Mathematics in the Second Year. Unless they pass a satisfactory examination in this subject, they are not allowed to enter the Advanced Mathematics Class in the Third Year.

## Fourth Year.

- For A.—Advanced Mathematics ; Senior Physics ; Advanced Mathematical Physics ; French or German or Practical Physics.
- For B.—Senior Physics ; Practical Physics ; Practical Chemistry ; Mineralogy ; French or German.
- For C.—Organic Chemistry ; Mineralogy ; Physiology ; Drawing ; French or German ; Education (Practice).
- For D.—Practical Chemistry ; Physiology, including Embryology ; Anatomy ; Practical Anatomy ; Histology ; French or German. (An undergraduate taking Course D, who wishes his Fourth Year to qualify for a medical degree, must previously to his entering upon it, have satisfied the requirements of the Medical Faculty with regard to Matriculation, and must also satisfy its requirements as to the payment of fees.—See Faculty of Medicine.)
- For E.—Advanced Mathematics (partial course) ; Senior Physics ; Advanced Mathematical Physics (partial course) or Practical Physics ; Applied Mechanics ; Mineralogy ; Civil Engineering ; Hydraulic Engineering ; Municipal Engineering.
- For F.—Advanced Mathematics (partial course) ; Senior Physics ; Advanced Mathematical Physics (partial course) ; Practical Physics ; Applied Mechanics ; Civil Engineering ; Hydraulic Engineering ; Municipal Engineering.
- For G.—Advanced Mathematics (partial course) ; Senior Physics ; Applied Mechanics ; Mineralogy ; Mining ; Civil Engineering ; Hydraulic Engineering.
- For H.—Advanced Mathematics ; Advanced Mathematical Physics (partial course) ; Senior Physics ; Practical Physics ; Drawing or Applied Mechanics (Mechanics of Machinery) ; Municipal Engineering.

## § XXXI.—Special Courses for Degree of B. Sc.—

(1.) An undergraduate shall be allowed during the third and fourth years of his B. Sc. course, to restrict his attention to a more limited range of subjects than that of most of the above ordinary courses, providing his standing at the examinations of the First and Second Years, especially in the subjects corresponding to the Special Course on which he proposes to enter, seems to the Faculty to warrant such restriction.

Special Courses are provided in the following departments :—(1) Mathematics and Mathematical Physics ; (2) Physics and Physical Chemistry ; and (3) Chemistry and Chemical Physics.

An undergraduate taking a special course in any of these departments shall be required to attend the Advanced Classes provided in the subjects of such department (see § xxv), to make progress satisfactory to the Professors who conduct such classes, and to pass at the end of the Fourth Year, an examination in the subjects of such department; and he shall in some cases be allowed to omit from the ordinary course he is pursuing, certain subjects specified below.

(2.) The Special Course in **Mathematics and Mathematical Physics** is open to undergraduates taking the ordinary courses A, E, F, G, and H. Those taking course A may substitute Practical Physics for Mental Science in the Third Year. Those taking courses E, F, G and H must take the complete courses in Advanced Mathematics and Advanced Mathematical Physics. In course E any two of Senior Physics (Heat and Electricity), Applied Mechanics (Mechanics of Machinery) and Mineralogy may be omitted. In course F Assaying and Applied Mechanics (Theory of Structures) may be omitted. In course G Applied Mechanics (Theory of Structures) and Civil Engineering may be omitted. In course H one subject to be approved by the Dean may be omitted in the Fourth Year.

The subjects of examination are the same as in the corresponding course in the Faculty of Arts (see § viii, 11, p. 45).

(3.) The Special Course in **Physics and Physical Chemistry** is open to undergraduates taking the ordinary course B, provided the Faculty consider their standing in the First and Second Years, especially in Mathematics, Physics and Chemistry, to have been sufficiently high. In the Third Year they must take Practical Physics and Advanced Mathematics (partial course), and may omit French or German. In the Fourth Year they must take Advanced Mathematics (partial course), Advanced Mathematical Physics (partial course), and Advanced Experimental Physics, and may omit Mineralogy and French or German.

The subjects of examination shall be as follows :

(1.) **GENERAL PHYSICS.**—As, *e. g.*, in Peddie's Manual of Physics (Baillière, Tindall & Co.), supplemented by Tait's Properties of Matter (A. & C. Black), Stewart's Treatise on Heat (Clarendon Press), Tait's Light (A. & C. Black), and Thompson's Electricity and Magnetism (Macmillan & Co).

(2.) Dynamics or Thermodynamics or Electrodynamics, treated by higher mathematical methods.

(3.) The experimental methods of the following memoirs :—Joule's Memoirs on the Determination of the Mechanical Equivalent of Heat,—Joule's Scientific Papers (Taylor and Francis), Vol. I, pp. 123, 172, 298, 542, 632; Faraday's Experimental Researches in Electricity (Quaritch), vol. I, series i-xi, and Sir W. Thomson (Lord Kelvin)'s papers on the Electro-



dynamic Qualities of Metals.—Thomson's *Mathematical and Scientific Papers* (Camb. Univ. Press), Vol. II, p. 189.

(4.) **PRACTICAL PHYSICS.**—The determination of important physical constants, and the investigation of physical laws; the discussion of the accuracy of experimental results.

(5.) **PHYSICAL CHEMISTRY.**—Experimental methods and general results, as in Ostwald's *Outlines of General Chemistry* (Macmillan & Co.)

(6.) **PRACTICAL CHEMISTRY.**—Quantitative analysis of inorganic solutions, including volumetric analysis.

Candidates will be assumed to have some knowledge of Analytical Geometry, and of the Differential and Integral Calculus.

Those who aim at High Honours (See § xxxv), will be expected to prepare a thesis embodying the results of a short original investigation.

(4.) The Special Course in **Chemistry and Chemical Physics** is open to undergraduates taking the ordinary course B. In the Third Year they must take Botany and Practical Physics, and must devote at least ten hours per week during the Session to advanced work in the Laboratory in Practical or Analytical Chemistry of inorganic compounds, and they may omit French or German. In the Fourth Year, at least ten hours per week must be devoted to Practical Chemistry, including elementary organic analysis, and proximate analysis of organic compounds, and French or German may be omitted.

The subjects of examination shall be as follows:

(1.) **INORGANIC CHEMISTRY.**—General Principles and Methods of Inorganic Analysis; Systematic Course of testing for Bases and Acids, and separation of Bases and Acids from each other, where several are present, as in Fresenius's *Qualitative Analysis*; Spectroscopic Analysis.

Quantitative Analysis; General Principles and Methods in use, with examples selected from Fresenius's *Quantitative Analysis*, Wöhler's *Mineral Analysis*, or similar works, according to the special laboratory work done by the candidate; Volumetric Analysis.

(2.) **ORGANIC CHEMISTRY.** The Fatty Group. Fatty series of Hydrocarbons and their Substitution Compounds (Haloids, Ethers, Alcohols, Aldehydes, Compound Ethers, Amines, Amides, &c.), including Carbohydrates and the processes of Fermentation, Acetification, &c., as in Wurtz's *Organic Chemistry*, from page 398 to p. 590, first American edition, or from page 418 to page 646, third American edition, with amplifications from Roscoe and Schorlemmer's *Chemistry*, parts 1 and 2 of Vol. III, omitting the historical portions, and other special portions to be pointed out.

The Aromatic Series. Aromatic Hydrocarbons and their Derivatives. Orientation in the Aromatic Series. Constitution of Benzene. Its substitution and additive products, as in Part 3 of Vol. III, of Roscoe & Schorlemmer (excluding historical details). Selections from Parts 4 and 5, of Vol. III, R. & S., relating to the more commonly known compounds

not fully treated in Wurtz. These selections will be made by the Professor in view of the special aim or ultimate object of the student in his Chemical studies.

The Natural Alkaloids, Albuminoids, or general Animal or Physiological Chemistry may, if thought desirable, be made to replace some of the subjects included in the foregoing prescribed course.

Organic Analysis and Preparation of Organic Compounds ; Methods of Organic Analysis for the detection and separation of proximate Organic Compounds by chemical and by microscopical and other optical tests.

Elementary Quantitative Analysis of Non-nitrogenous and of Nitrogenous Organic Compounds.

(4.) **CHEMICAL PHYSICS.**—Experimental methods and general results as in Ostwald's Outlines of General Chemistry (Macmillan & Co.)—The practical application of the more important physical experimental methods employed in chemical research, including the discussion of the degree of accuracy of experimental results.

(4.) Candidates who aim at High Honours (§ xxxv.), will be expected to prepare a thesis embodying the results of a short original investigation.

§ **XXXII.—Attendance.**—The regulations as to attendance are the same as in the Faculty of Arts. (See § ix, p. 47.).

§ **XXXIII.—Examinations.**—The regulations as to Examinations are the same as in the Faculty of Arts. (See § x, p. 47.).

§ **XXXIV.—The Degree of B. Sc. with Distinction** will be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ xi, p. 49.).

§ **XXXV.—The Degree of B. Sc. with Honours** in departments in which special courses are provided in this Faculty, will be conferred on the same conditions as the corresponding degree in the Faculty of Arts (§ xii, p. 49.).

§ **XXXVI.—Short Courses of Study for General Students.**—(1.) For the benefit of students who may be unable to spend four full years at the University, but may be able to give full attendance for shorter periods, or to attend a small number of classes for a series of years, short courses of study have been arranged.

Students entering on these courses are not required to pass any preliminary examination ; but they are recommended not to enter classes in which some knowledge of the subject is assumed, without first consulting the Professors as to their ability to enter with profit upon the work of the classes.

To students who attend the classes of these courses with regularity, shew diligence in the class work, and succeed in

passing the Examinations, certificates will be issued stating the nature of the course pursued, and the degree of success attained.

The details of the subjects studied in the classes mentioned below will be found under Courses of Instruction (§ xxv.).

(2.) **Short Course for Teachers.**—This course is intended to provide a thorough, systematic and practical training in education, together with a practical study of scientific subjects, such as will enable the student to present and illustrate such subjects adequately in the school.

It consists of the following classes (§ xxv.) :—Mental Science (Psychology Course), History and Theory of Education (including School Law and School Management), Practice of Teaching, Practical Chemistry, Practical Physics, Mineralogy, Physiology, Botany and Drawing.

**Diploma of Literate in Education (L. E.)**—This Diploma will be awarded to students who have taken the above course, on the following conditions :—

(a) Before entering upon it they must furnish evidence of general education, equal at least to that implied in the possession of the Junior Leaving High School Certificate of the Nova Scotian Education Office.

(b) They must pass satisfactory examinations in the subjects of the classes mentioned above, and receive the favorable report of those who conduct practical classes on their practical work.

(c) In connection with the Class of Practice of Teaching, they must have spent at least 400 hours in actual teaching; but a portion of this practical work may have been carried out in the summer vacation, provided it be under the supervision of Teachers, approved by the Faculty.

(d) The Course in Drawing must include at least 60 lessons, and must be in the department outlined in § xxv., vi.

(e) They must furnish certificates from teachers approved by the Faculty, of having attended a course of instruction of at least 30 lessons in Manual Training, and of having acquired proficiency both in this subject and in School Music (Tonic Sol-Fa notation.)—Instruction in both these subjects may be obtained in the City of Halifax.

(3.) **Short Course introductory to Medical Study.**  
—This course includes the more difficult subjects of the Medical Matriculation Examination, together with a sufficient number of the subjects of the Medical Curriculum to constitute an *annus medicus*. It is as follows :

FIRST YEAR :—Latin; English; French; Mental Science (Logic and Psychology); Mathematics; Inorganic Chemistry.

SECOND YEAR:—Junior Physics; Medical Chemistry; Practical Chemistry; Botany; Anatomy.

(4.) **Short Courses for Engineering Students.**—The following courses are intended for students who are unable to give full attendance, but can give partial attendance for a number of years:

(a) **CIVIL ENGINEERING.**—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics (Dynamics); Applied Mechanics (Theory of Structures and Strength of Materials); Surveying; Civil and Hydraulic and Municipal Engineering.

(b) **MECHANICAL ENGINEERING.**—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics (Mechanics of Machinery); Hydraulic Engineering.

(c) **MINING ENGINEERING.**—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Applied Mechanics; Chemistry; Practical Chemistry; Mineralogy; Mining; Civil and Hydraulic Engineering.

(d) **ELECTRICAL ENGINEERING.**—Mathematics (1st and 2nd Years Classes); Descriptive Geometry; Drawing; Junior Physics; Senior Physics; Practical Physics; Applied Mechanics (Mechanics of Machinery).

§ **XXXVII.—Classes for Artisans.**—Classes are organized from time to time for artisans and other persons who are engaged in forms of work involving the application of scientific knowledge. These classes are usually held in the evening. Announcements with regard to them are made at the beginning of the Session. During the Session of 1894-95, a class in Mathematics was organized.

§ **XXXVIII.—Medal, Prizes, and Matriculation Scholarships.**—The Sir William Young Gold Medal, and the Sir William Young and Professors' Scholarships and Mackenzie Bursary (awarded at matriculation) are open for competition to undergraduates of, or candidates for matriculation in, the Faculty of Science. See §§ v, xv, pp. 35, 37.

§ **XXXIX.—1851 Exhibition Science Scholarship.**—Her Majesty's Commissioners for the Exhibition of 1851 have informed this University that they hope to place at its disposal for the year 1896 the nomination to one of the scholarships, which are being offered by them, in certain universities of the United Kingdom and the Colonies, with the intention of enabling students of science who have indicated high promise of capacity for original research, to continue the prosecution of science with the view of aiding in its advance, or in its industrial applications.

The Scholarship is of the annual value of one hundred and fifty pounds sterling, is tenable for two years, subject to the fulfilment of certain conditions mentioned below, and is open to women as well as men.

The following is the statement of conditions, &c., of the scholarship offered in 1894 :—

“The following are the conditions of nomination :

“(a) The nominee must be a British subject.

“(b) He (or she) must, at the date of the nomination, have been for a term of years a *bona fide* Student of Science in a University or College (or in Universities or Colleges), in which special attention is given to scientific study,—a graduate who has continued to be a student at a College after graduation being regarded as a student.

“(c) He must have been a student of Dalhousie College either during the academic year, at the end of which the nomination is made, or during the previous year; but in the event of his having ceased to be a student of Dalhousie College at the end of the previous year, he must have been engaged during the year of nomination solely in scientific study.

“(d) He must have indicated high promise of capacity for advancing Science or its applications by original research. Evidence of capacity for original research in Science is strictly required, this being one of the main qualifications for a scholarship; and the nominee will be selected from the students qualified for nomination mainly on the ground of superiority in this respect, though the general proficiency attained in the study of Science will also be taken into account.

“(e) There is no absolute restriction as to age; but a nominee whose age exceeds 30 will only be accepted by the Commissioners under very special circumstances.

“The nomination which is to be made by this University to the Commissioners in London, will be referred by them to a committee of eminent scientific men, who will advise them upon it; and the nomination will take effect on its being confirmed by the Commissioners.

“The scholarship may be held at any University in the United Kingdom or abroad, or in some other institution to be approved by the Commissioners, the only restriction being that the institution selected shall be properly equipped for the prosecution of Science. But a scholar will be expected to spend at least one year of the term during which he holds the Scholarship at an institution other than that by which he is nominated.

“The scholar, during his tenure of the Scholarship, must devote himself wholly to study and research, more especially in some branch of Science, such as Physics, Mechanics, or Chemistry, the extension of which is especially important to our national industries; and he is not allowed during such tenure to hold any position of emolument.

“The continuance of the Scholarship for the second year is dependent on the work done in the first year being satisfactory to the Scientific Committee appointed by the Commissioners.

“The Scholarship is payable half-yearly in advance through the Treasurer of this University.

“The candidate nominated is required by the Commissioners to sign the following declaration :—

‘I, the undersigned, hereby declare that the particulars concerning me mentioned in the foregoing form are correct, and I undertake that, if a Scholarship is awarded to me, I will hold it subject to the conditions laid down by Her Majesty’s Commissioners for the Exhibition of 1851 with reference thereto, and I will, during its continuance, wholly devote myself to the objects of the Scholarship, and I will not during such continuance hold any position of emolument.’”

Students who desire to become candidates for nomination to the above Scholarship must make application to the President of the University on or before the 28th day of February, 1896. In making such application they must furnish a statement of the following particulars :—

(a) Name and address of candidate.

(b) Age of candidate.

(c) Institution or institutions in which candidate’s term of study has been passed.

(d) Specific statement of qualifications of candidate, including particulars of his College career, and of original research in which he has been engaged.

(e) Name of institution to which candidate proposes to attach himself during tenure of Scholarship.

(f) Statement of the particular scientific work, specifying the branch of a science, to which the candidate proposes more especially to devote himself.

As this University is required to certify the correctness of the above statement in the case of the candidate nominated, the statement must be accompanied by satisfactory evidence as to all particulars which are not on the University records. Thus age, attendance at other Universities or Colleges, and accounts of original researches conducted elsewhere, must be properly attested.

**§ XL. — Residence, Church Attendance, and Discipline.**—The regulations as to residence, church attendance, and discipline, in this Faculty, are the same as in the Faculty of Arts. (See §§ XVII.—XIX, p. 53.)

**§ XII.—The Degree of Bachelor of Engineering (B. E.)** will be conferred on a Bachelor of Science who has taken the Degree in one or other of the departments of Engineering, at any date not less than one year after graduation, provided he satisfy the following conditions :

(1.) He must furnish certificates from an engineer or engineers, approved for this purpose by the Faculty, shewing that he has been engaged in practical work in some one department of engineering under their supervision for a period of at

least two years, and that he has exhibited satisfactory diligence and progress. A part, or the whole, of this time may be spent in any approved Engineering School which possesses workshops or testing laboratories.

(2.) He must hand in to the Faculty designs for some constructive work, prescribed by the Faculty, in the department in which he has been engaged in practical work, the designs to be accompanied by complete working drawings giving full details, bills of materials and estimates. The designs must be accompanied by a declaration to the effect that he has received no assistance in preparing them, and he will be required to explain and defend his designs before the examiners.

(3.) Candidates for this degree must send their designs, &c., to the Dean of the Faculty on or before the first of March, and must, at the same time, pay a fee of Twenty Dollars.

### § XLII.—The Degree of Master of Science (M.Sc.).

—The degree of Master of Science will be conferred on a Bachelor of Science of at least one year's standing and of good character, either on his submitting to the Faculty a satisfactory thesis embodying the results of original research in some department of pure or applied Science, or on his passing an examination in a course of scientific study, appointed or approved by the Faculty, of about the extent represented by the academic work of one year of the B. Sc. Course. In the latter case no fixed courses of study are laid down, the intention being to encourage graduates to prosecute advanced courses of study either at this or at any other University, or by private reading, and to adapt the courses to their individual tastes and capacities; but no course of study will be approved unless it is confined either to one department of Science, or to closely related departments.

Theses must be sent to the Dean of the Faculty on or before the first of March. Examinations will be held ordinarily at the time of the Spring Examinations; but in special circumstances they may be held in the autumn. Candidates must give one month's notice of their intention to appear for examination.

On transmitting the thesis, or on giving notice of intention to appear for examination, candidates must pay a fee of Ten Dollars. In cases in which the degree is not granted, the fee will not be returned; but the candidate will be allowed to make a second application for the degree, either by thesis or by examination, without payment of fee. In cases in which an autumn examination is granted an additional fee of Five Dollars will be charged.

§ XLIII.—**Admission ad eundem gradum.**—Graduates in Science of Universities approved by the Senate, who have received their degrees in course, shall be admitted *ad eundem gradum* in this University, on producing satisfactory proof of character and academic standing.

§ XLIV.—**Academic Costume.**—Bachelors of Science and of Engineering and Masters of Science shall be entitled to wear black stuff gowns and hoods. The distinctive part of the costume is the hood, which is to be as follows :

For B. Sc.—Black stuff, with a lining of white silk bordered with crimson silk.

For B. E.—Black stuff, with a lining of white silk bordered with purple silk.

For M. Sc.—Black stuff, with a lining of scarlet silk.

Successful candidates for these degrees must appear at Convocation in the proper academic costume to have the degrees conferred upon them. Degrees will be conferred in the absence of candidates only by special permission of the Senate.

§ XLV.—**Fees.**—The regulations as to fees payable by students for classes conducted in the College shall be the same as in the Faculty of Arts (see § xxiv. p. 55.) For extra-mural classes the fees prescribed in the Institutions in which they are held, must be paid. In the subjects of Anatomy, Physiology and Histology, examination fees are payable (§ xxv, xiv—xvi).

The graduation fees are as follows :—

|   |         |
|---|---------|
| Fee payable before the final Examinations for the B. Sc. Degree ..... | \$ 5 00 |
| Fee payable on application for the B. E. Degree .....                 | 20 00   |
| Fee payable on application for the M. Sc. Degree .....                | 10 00   |
| Fee for an <i>ad eundem</i> Degree. ....                              | 10 00   |



# Faculty of Law.

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THE PRESIDENT (*ex officio.*)

RICHARD C. WELDON, M. A., PH. D., D. C. L., Q. C.

BENJAMIN RUSSELL, M. A., D. C. L., Q. C.

C. SYDNEY HARRINGTON, Q. C.

HUMPHREY MELLISH, B. A., LL. B.

ALFRED SILVER, LL. B.

GEORGE RITCHIE, LL. B.

HECTOR MCINNIS, LL. B.

*Dean of the Faculty*—PROFESSOR WELDON.

*Secretary of the Faculty*—PROFESSOR RUSSELL.

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## § XLVI.—Courses of Lectures.

The following Courses of Lectures to be given in the Session of 1895-6, will begin on the 4th of September, 1895, and end on the 14th of February, 1896.

### CONSTITUTIONAL AND INTERNATIONAL LAW.

(*George Munro Professorship.*)

*Professor*.....R. C. WELDON, M. A., PH. D., Q. C.

**Constitutional Law.**

*Two lectures per week.*

Subjects of lectures :

Law of Parliament. Select Cases in Constitutional Law. British North America Act.

*Text book:* Cartwright's Cases.

**Constitutional History.**

*Two Lectures per week.*

Subjects of lectures :

Feudalism in England. Origin and Growth of the two Houses of Parliament. Origin and Development of Trial by Jury. Origin and Development of the Courts of Law. The Royal Prerogative. History of the Law of Treason. The Liberty of the Person. The Liberty of the Press. History of Party Government. Origin and Development of the Cabinet

System. History of the Reform Bills. The Written Code of the Constitution. *Magna Charta*. Petition of Right. Bill of Rights. *Habeas Corpus*.

*Text book*: Taswell-Langmead's Constitutional History of England.

#### Conflict of Laws.

*One lecture per week.*

Subjects of lectures :

Leading rules as to (1) personal capacity, (2) rights of property, (3) rights of obligation, (4) rights of succession, (5) family rights, (6) forms of legal acts. The use of courts by strangers. The effects of foreign judgments. Select Cases upon the Conflict of Laws.

*Text book*: Nelson's Private International Law.

#### International Law.

*One lecture per week.*

Subjects of lectures :

History of North Atlantic Fisheries. Convention of London, 1818. Territorial Waters. Treaty of Washington, A. D., 1871. Consuls. Commercial Treaties. Naturalization. Extradition. Blockade. Contraband.

*Text book*: Hall's International Law.

#### CRIMES.

*Lecturer*.....PROFESSOR WELDON.

*Two lectures per week.*

Subjects of lectures :

Sources of Criminal law. Offences against Public Order, internal and external. Offences affecting the administration of Law and Justice. Offences against Religion, Morals and Public Convenience. Offences against the Person, and Reputation. Offences against rights of property and rights arising out of Contract and offences connected with trade. Procedure. Proceedings after Conviction. Actions against persons administering the Criminal Law.

*Text book*: The Canadian Criminal Code, 1892.

#### REAL PROPERTY.

*Lecturer*.....MR. GEORGE RITCHIE, LL. B.

*One lecture per week.*

Subjects of lectures :

History and Sources of the Law ; the Law of Uses ; Corporeal Hereditaments, including Estates in Land as to Quantity ; Seisin ; Joint Estates in Land ; Limitation of Present and Future Estates ; the beneficial uses and profits which the holder of different estates enjoy in their own land ; Incorporeal hereditaments, including the uses and profits any man enjoys in the lands of another ; Rents.

*Text books*: Leake's Digest of Property in Land, Parts 1 and 2, and Gray's Leading Cases.

### CONTRACTS.

*Professor*.....B. RUSSELL, M. A., D. C. L., Q. C.

*Two lectures per week.*

Subjects of lectures :

Definition of terms ; agreement, consideration, proposal, acceptance, promise, &c. Persons who may contract, principal and agent. Disabilities arising from infancy, coverture, lunacy, intoxication, &c. Express and implied contracts. Verbal and written contracts. Specialties. Statutory requirements as to validity and authentication of contracts ; Statute of Frauds. Causes vitiating agreements ; mistake, fraud, duress, &c. Discharge of contracts, rescission, performance, payment, release, merger, &c. Leading cases.

*Text books* : Finch's Cases, and Anson on Contracts.

### EQUITY JURISPRUDENCE.

*Lecturers*.....{ PROFESSOR RUSSELL.  
MR. ALFRED SILVER, LL. B.

*One lecture per week extending over two years.*

Subjects of lectures :

Trusts, Mortgages, Fraud, Mistake, Specific Performance of Contracts, Administration of Assets, Election, Account, Discovery, Injunction.

*Text book* : Smith, H. A.

### TORTS.

*Lecturer*.....MR. HUMPHREY MELLISH, LL. B.

*One lecture per week.*

Subjects of lectures :

Definitions. Torts considered with reference to Crimes and Contract. Deceit. Slander and Libel. Malicious Prosecution. Conspiracy. Assault and Battery. False Imprisonment. Enticement and Seduction. Trespass to Property. Conversion. Violation of Water Rights and Rights of Support. Nuisance. Negligence.

*Text books* : Bigelow, or Pollock.

### PARTNERSHIP AND COMPANIES.

*Lecturer*.....MR. C. S. HARRINGTON, Q. C.

*One lecture per week.*

[1895-96.]

Subjects of lectures :

Constitution. Liability of partners *inter se* and to third persons. Change of firm. Retirement of partners. Dissolution. Mining ventures. Joint-stock Companies. Canada Joint-stock Companies Act.

*Text book* : Lindley on Partnership.

## EVIDENCE.

*Lecturer*.....MR. C. S. HARRINGTON, Q. C.

*One lecture per week.*

[1896-97.]

Subjects of lectures :

Nature of Proof. Production and Effect of Evidence.  
Relevancy. Instruments of Evidence.

*Text books* : Greenleaf on Evidence; Judicature Act and Rules.

## NEGOTIABLE INSTRUMENTS.

*Lecturer*.....PROFESSOR RUSSELL.

[1895-96.]

*One lecture per week.*

Subjects of lectures :

Formal Requisites. Consideration. Indorsement and Transfer. Real and personal defences. Over-due paper. Notice of Dishonor. Protest.

*Text book* : McLaren on Bills.

## SALES OF PERSONAL PROPERTY.

*Lecturer*.....PROFESSOR RUSSELL.

*Two lectures per week.*

[1896-97.]

Subjects of lectures :

Capacity to buy and sell. Executed and executory contracts of sale. Statute of Frauds. Lord Tenterden's Act. Rules as to passing of property. Reservation of *jus disponendi*. Stoppage in *transitu*. Condition. Warranty, express and implied. Remedies of seller and buyer.

*Text book* : Benjamin on Sales.

## SHIPPING AND INSURANCE.

*Lecturer*.....PROFESSOR WELDON.

Subjects of lectures :

Registration of Shipping. Transfer. Mortgage. Bottomry and Respondentia. Charter Party. Bills of Lading. Collision. Pilotage. Salvage. Admiralty Law. Misrepresentation. The Policy. Concealment. Warranties. Average. Abandonments.

## CONVEYANCING.

Lecturer.....MR. GEORGE RITCHIE, LL. B.

Subjects of lectures :

Real Estate. Contingent Remainders. Rule in Shelley's Case. Statute of Uses. Springing and Shifting Uses. Excutory Devises, Statute 13 of Eliz., c. 5, and 27 of Eliz., c. 4. Statute of Limitations. Bargain and Sale. Lease and Release. Mortgage. Wills. Probate of Wills.

*Text books* : The text books needed will be announced at the commencement of the lectures.

## PRACTICE AND PROCEDURE.

Lecturer.....MR. HECTOR MCINNIS, LL. B.

Subjects of lectures :

Judicature Act and Rules. General Principles of Pleading, and Rules of Practice.

§ XLVII.—**The Academic Year.**—The academic year consists of one Session. The Session of 1895-96 will begin on the 4th of September, 1895, and end on the 22nd of April, 1896

§ XLVIII.—**Admission of Students.**—(1.) Students may enter the University by (a) furnishing satisfactory reference of certificates of good moral character, (b) entering their names in the Register, and (c) paying the prescribed fees.

(2.) Registered students may, on payment of the proper fees, enter any of the classes of the University.

(3.) Students who wish to obtain University Degrees must become undergraduates. They may become undergraduates by (a) passing the Matriculation Examination or a recognized equivalent, and (b) matriculating, *i. e.*, entering their names on the Matricula or Register as Undergraduates.

(4.) Students who are not undergraduates are known as General Students.

§ XLIX.—**Degree of Bachelor of Laws.**—(1.) All Candidates for the Degree of LL. B. are required to pass the Matriculation Examination of the Arts Faculty, or a recognized equivalent, to attend not less than five-sixths of the lectures given in each subject of the course of study, and to pass the Session Examinations in the subjects of the three years course of study.

(2.) Graduates and undergraduates in Arts of any recognized College or University and articled clerks or law students who have passed the preliminary law examinations in any of

the Provinces of the Dominion of Canada, or in Newfoundland, shall be admitted to the standing of Undergraduates of the First Year in the Faculty of Law, without passing any examination.

(3.) Undergraduates of other Law Schools may, on producing satisfactory certificates of standing, be admitted to similar standing in this Law School if, on examination, they are found qualified to enter the classes proper to their years. But if their previous courses of study have not corresponded to the course on which they enter in the University, they may be required to take extra classes.

(4.) Graduates in Arts who have taken the classes of Constitutional History, Constitutional Law and Contracts, as parts of their Arts Course, shall be allowed to graduate in two years from the date of their entering upon the Law Course, provided they take in those years all the other classes specified.

### § L.—Course of Study for the Degree of LL. B.

#### First Year.

- |                   |                            |
|-------------------|----------------------------|
| 1. Real Property. | 4. Torts.                  |
| 2. Crimes         | 5. Constitutional History. |
| 3. Contracts.     |                            |

#### Second Year.

- |                               |                        |
|-------------------------------|------------------------|
| 1. Equity.                    | 4. Constitutional Law. |
| 2. Partnership and Companies. | 5. Conflict of Laws.   |
| 3. Negotiable Instruments.    | 6. Shipping.           |

#### Third Year.

- |                       |                                |
|-----------------------|--------------------------------|
| 1. International Law. | 4. Equity.                     |
| 2. Insurance.         | 5. Sales of Personal Property. |
| 3. Evidence.          |                                |
| 6. Procedure.         |                                |

The Faculty urgently recommend that students devote their whole time during Sessions to the work of the School, experience having proved that students who undertake office work in addition to the work of their classes, receive comparatively little advantage from the lectures. The Course having been very considerably enlarged, the Faculty apprehend that students who are doing regular office work during Session, will find it quite impossible to pass with credit the required examinations.

§ LI.—Sessional Examinations.—(1.) The Sessional Examinations will begin next Session on February, 17th, 1896.

(2.) Students are forbidden to bring any book or manuscript into the Examination Hall, except by direction of the

Examiner, or to give or receive assistance, or to hold any communication with one another at the Examinations. If a student violate this rule, he shall be excluded from the Sessional Examinations of the Session, and such other penalty shall be imposed as the Faculty may determine.

(3.) If an Undergraduate fail to pass in less than three subjects of the Sessional Examinations, he shall be allowed a supplementary Examination in such subject or subjects at the beginning of any subsequent Session.

(4.) If an undergraduate fail to pass in more than two subjects at any Sessional Examination, he shall lose his Session.

(5.) Undergraduates who wish to present themselves at a Supplementary Examination, must give notice addressed to the Dean of the Faculty Dalhousie Law School, Halifax, on or before August 25th, 1895.

(6.) The Supplementary Examination for the present year will begin September 3rd, at 10 o'clock, A. M. Fee, \$5, payable on the morning of the Examination.

**§ LIII.—Moot Courts.**—Moot Courts will be held every week.

Hereafter the case to be argued will be stated by the Professor or the Lecturer who is to preside. Every candidate for a degree shall be required to take part in arguments at the Moot Court. The senior counsel on either side shall be required to file briefs with the Dean one week before the day on which the case is argued. A record will be kept of the values assigned to the arguments made, and these values will be considered by the Faculty in recommending a candidate for his degree.

**§ LIII.—Academic Costume.**—Bachelors of Laws are entitled to wear gowns and hoods. The gowns are similar to those worn by Barristers-at-Law. The hoods are of black silk stuff, with a lining of white silk bordered with gold coloured silk.

**§ LIV.—The Library.**—The Library is in charge of a Librarian who will endeavour to make its resources available to the students and give them every possible assistance in the prosecution of their studies. Besides a good set of English and Canadian Reports, the Library has a number of sets of the leading American Reports, and will be found to contain almost all the books an undergraduate will have reason to consult. The principal English, American and Canadian legal periodicals are regularly taken.

The following books have been presented to the Library during the year :

BY DR. WELDON, M. P. :

|                                    |         |
|------------------------------------|---------|
| Commons Hansard, A. D., 1894 ..... | 2 Vols. |
| Senate Hansard, " .....            | 1 Vol.  |
| Statutes of Canada " .....         | 1 Vol.  |

BY DANIEL MCKINNON, ESQ., LL. B., M. P. P. :

Statutes of Prince Edward Island, A. D. 1894.

BY DISTRIBUTION OFFICE OF THE PARLIAMENT OF CANADA :

The Sessional papers of Canada.

§ LV.—Fees.—The following are the fees payable by students of the Faculty of Law. *They are in all cases payable in advance.*

Students are requested to pay their Class Fees and sign the University Register on Tuesday, 3rd September, 1895, at 10 A. M., in the office of the Law School.

|   |         |
|---|---------|
| Registration Fee, payable only by General Students.....   | \$ 2 00 |
| Fee for each class attended, per Session, payable by      |         |
| General Students.....                                     | 10 00   |
| Fee for the classes of the First Year, payable by         |         |
| undergraduates .....                                      | 40 00   |
| Fee for the classes of the Second Year, payable by        |         |
| undergraduates .....                                      | 40 00   |
| Fee for the classes of the Third Year, payable by         |         |
| undergraduates .....                                      | 40 00   |
| Fee for LL. B. diploma, which is payable before the final |         |
| examination, and will be returned in case of failure.     | 10 00   |
| Fee for the Supplementary Examination. ....               | 5 00    |

Students of any year are permitted to attend lectures in the subjects of an earlier year without extra charge.

The fees payable are those fixed by the Calendar of the year in which the students matriculated.



# Faculty of Medicine.

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THE PRESIDENT, (*ex officio.*)

GEORGE LAWSON, PH. D., LL. D.,

JOHN SOMERS, M. D.,

GEORGE L. SINCLAIR, M. D.,

DONALD A. CAMPBELL, M. D., C. M.,

A. W. H. LINDSAY, M. D., C. M.,

JOHN STEWART, M. B., C. M.

A. C. PAGE, M. D.

DANIEL McNEIL PARKER, M. D.

EDWARD FARRELL, M. D.

ANDREW J. COWIE, M. D.

JOHN F. BLACK, M. D.

ALEXANDER P. REID, M. D.

MATTHEW A. CURRY, M. D.

MURRAY McLAREN, M. D.,

WM. S. MUIR, M. D.,

WM. TOBIN, F. R. C. S. Ire.,

HON. JUSTICE HENRY,

LOUIS M. SILVER, M. B., C. M.,

FRED. W. GOODWIN, M. D.,

FITZUNIACKE ANDERSON, M. R. C. S., ENG.

*Dean of the Faculty:* PROF. LAWSON.

*Secretary of the Faculty:* DR. LINDSAY.

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§ LVI.—**Courses of Instruction.**—1. Instruction is provided by the University in the following subjects of the Medical Curriculum :

## I.—CHEMISTRY.

*Professor*.....GEORGE LAWSON, PH. D., LL. D.

*With experimental demonstrations,*

Junior Chemistry : Three days each week.

FOR FIRST YEAR STUDENTS.

General Principles. Chemical Affinity. Laws of Combination by weight. Definite Proportions. Equivalents. Law of Multiple Proportions. Combination, by volume, Gay-Lussac's

Laws. Law of Specific Heats. Atomic Theory. Nomenclature; Notation; Formulæ, Equations. The non-metallic Elements considered in detail; their modes of occurrence in nature; preparation in the free state; their compounds, natural and artificial; natural phenomena and artificial processes in which they take part; useful manufactures to which they are related.

The Metals considered in regard to their physical and chemical characters, and modes of occurrence in nature. Classification of the Metals. Constitution of Salts; Bases, Acids, Radicals. Discussion of the more important Metallic Elements in detail, their Salts and other compounds; Metallurgical processes; Chemical Manufactures.

*Text Book*: Greene's Edition of Wurtz's Elements of Modern Chemistry:—the whole of the Inorganic part.—(Lippincott, Philadelphia.)

Senior Chemistry: three days each week.

FOR SECOND YEAR STUDENTS.

Mode of formation of Organic Compounds in the Plant; by assimilation; by metabolism; their after-transformation by natural and artificial processes. The method of Organic Chemistry. The Atomicity of Carbon. Saturation. Substitution. Principles of Classification. Elementary Analysis. Methane and its Homologues, and the Substitution Compounds. The Monatomic Alcohols, and related Compounds and Derivatives of the Fatty Series; Aldehydes, Ethers, &c. The Fatty Acids. Compound Ethers. Amines, Amides, Phosphenes, &c. Polyatomic Alcohols, Ethers and Acids. The natural Vegetable Acids. Cyanogen and its Compounds. Glucosides. Carbohydrates. Diastase. Fermentation.

Aromatic Compounds. Benzene (Benzol) considered theoretically as the nucleus of the aromatic compounds. Oil of Turpentine and its Isomerides. Volatile Oils. Camphor. Substitution and Additive Compounds of Benzene. Phenol (carbolic acid) and its derivatives, Aniline, &c. Benzoic and related Acids, Indigo, &c. Natural Alkaloids. Albumen, Urea.

*Text Books*:—Greene's Edition of Wurtz's Elements of Chemistry—the Organic part. Reference works: Roscoe & Schorlemmer, Watt's Dictionary, &c., which can be used in the Balance Room. Other works are placed, for convenience of students on a reference shelf in the College Library.

## PRACTICAL CHEMISTRY.

*Monday, Wednesday and Friday, 12—1 o'clock.*

Systematic Course of testing for Metallic Bases, and Inorganic and the more common Organic Acids. Where students can give the necessary time, this course will be followed by special processes for detection and quantitative estimation of Metallic Poisons; examination of urine for Glucose, Albumen; nature of Urinary Calculi and other deposits. Sanitary Analysis:—Atmospheric Air: Water. Mineral Waters.

The Chemical Laboratory is open daily (except Saturdays, Sundays, and holidays) from 9 a. m. to 1 p. m. *Students*

taking their first Laboratory course are required to attend at an hour when the Professor is not engaged in lecturing. Students experienced in Laboratory work who cannot attend at such hours may be allowed by special permission, to work at other times when the Laboratory is open, but such permission may be cancelled at any time.

*Laboratory Books for First Course.*—One of the following: Macadam's Practical Chemistry; Fresenius's Qualitative Analysis.

Laboratory students are allowed the use of the ordinary Laboratory apparatus and furnishings and of inexpensive re-agents, but are required to provide themselves with evaporating basins, test-glasses, platinum, gold and silver salts, and other expensive materials which they may require, and to replace apparatus which they may destroy. Those who wish to work in special departments or to engage in original research requiring apparatus or re-agents not in common use in the Laboratory will have to furnish themselves with the necessary appliances at their own expense.

The Chemical Laboratory is very large and airy, and is so arranged that every student may have a separate set of re-agents, and as much desk and table room as his work requires. Usually, however, it is found convenient for two students taking their systematic course to work together at the same desk (not necessarily at the same hour), which lessens the time necessary for preparing re-agents.

The working Laboratory is fitted up with locked desks, drawers and shelving for sixty-four students, with a separate Balance and Reference Library Room for their use.

## II.—BOTANY.

*Professor*.....GEORGE LAWSON, PH. D., LL. D.

Lectures on two days of each week, with an additional hour weekly after Christmas vacation for demonstrations on Medical and Poisonous Plants.

*The Vegetable Cell*: its structure and contents, with microscopic demonstrations. Typical and Transformed Cells; Tissues. Parenchyma, Prosenchyma. Minute Structure and Development of the Root, Stem and Leaf. Structure and Development of the Flower, Fruit and Seed. *Vegetable Protoplasm*: its structure, chemical character and movements; effects upon it of Light, Electricity, Irritation, Gravitation, Moisture, Gases. *Plant Growth*: Relations of the plant to the soil and atmosphere. Diffusion, Osmosis, Absorption, Transpiration, Assimilation. Production of organic matter in the plant; Transmutation or Metastasis. Respiration. Vegetable Growth. Movements, of Chlorophyll, of organs, (Circumnutation), Nyctitropic. *Reproduction*: Fertilization. The Seed. Germination,—dependent upon moisture, free oxygen, temperature. Effects upon plants of extremes of temperature.

*Classification of Plants*: The Natural System of Classification. The distinctive structural characters and geographical distribution of the more important natural orders will be given, with special attention to those orders containing poisonous

plants and plants used in medicine. This part of the course will be fully illustrated by specimens, drawings and preparations.

*Text Books* : Goodale's Physiological Botany (being Vol. II. of Gray's Botanical Text Books.)

*Field Books for Summer Work* : Gray's Manual of Botany of the Northern States; Gray's How Plants Grow, with Lawson's Fern Flora. Macoun's Catalogue of Canadian Plants.

2. Students wishing to attend the above courses may do so either as General Medical Students without preliminary examination, or as regular Undergraduates in Medicine. In either case they must enter their names in the University Register at the beginning of the Session. By reference to §§ VII and XXX Undergraduates in Arts or Science will see that they at the same time may be registered with the Medical Faculty, and so secure the benefit of certain classes of the Arts and Science Courses, as regular Undergraduates in Medicine.

3. In other subjects the necessary classes may be attended at the Halifax Medical College or any other recognized School of Medicine.

4. Attendance on classes by those registered as General Medical Students will not qualify for Degree Examinations in this Faculty.

**§ LVII.—The Academic Year.**—The Academic Year consists of one session. The Session of 1895-96 will begin on Monday, September 30th, 1895, and end on Tuesday, April 28th, 1896.

In order to qualify for Degree Examinations the Medical Academic year must include attendance on at least two of the following six month courses : Anatomy, Chemistry, Physiology, Materia Medica, Therapeutics, Surgery, Obstetrics, Gynæcology and Diseases of Children, Medicine ; or one such course and two of the following: Botany, Practical Chemistry, Histology, Medical Jurisprudence, Pathology, Clinical Medicine, Clinical Surgery. Certificates indicating less than 90 p. c. of attendance upon any class will not be accepted without valid reason for absence being shown.

**§ LVIII.—Degrees.**—Two Medical Degrees are conferred by this University, viz., Doctor of Medicine, (M. D.) and Master of Surgery, (C. M.); but neither degree is conferred on any person who does not at the same time obtain the other.

**§ LIX.—Matriculation Examination.**—1. Candidates for medical degrees must give evidence of having obtained a satisfactory general education, by presenting certificates of

having passed, before entering upon the course of study qualifying for the degrees, either the Matriculation Examination of the Provincial Medical Board of Nova Scotia or some other examination recognized by the Senate as sufficient.

Information as to the Matriculation Examination of the Provincial Medical Board may be obtained on application to the Registrar, Dr. A. W. H. Lindsay, Halifax.

5. A certificate of the possession of a University Degree in Arts or Science, or of the Teacher's Grade "A" License of Nova Scotia, or of having passed the Preliminary Examination of the Nova Scotia Barristers Society shall be considered by this University sufficient evidence of satisfactory general education.

6. The Matriculation and Sessional Examinations of any Chartered University or College; the Junior and the Senior leaving Examinations of the High Schools, (N. S.) with 50% in each subject; the First Class Teachers' License of either Nova Scotia, New Brunswick or Prince Edward Island; and also the preliminary Examination of any Medical Licensing Board authorized by law in Her Majesty's dominions will be recognized *pro tanto*.

7. Candidates who may have passed in all subjects but one, at the Nova Scotia Medical Board Matriculation Examinations, may enter as undergraduates, and will be allowed after six months to pass a Supplementary Examination in the subject in which they previously failed.

§ LX.—**Degree Examinations.**—Candidates for the Degrees of M. D, and C. M, shall be required to pass two examinations—the Primary and Final M. D., C. M, examinations, and to have satisfied at the dates of the examinations certain conditions as to attendance on classes, etc.

§ LXI.—**Primary M. D., C. M. Examination.**—1. Candidates for this examination shall be required to produce certificates to the following effect:

(1.) Of having passed the Matriculation Examination, or other examination recognized as sufficient, at least two academic years previously, and of having completed their sixteenth year before the passing of said examination.

(2.) Of having, after passing the Matriculation or other equivalent examination, attended either in this University, in the Halifax Medical College, or in some other School of Medicine approved by the Senate, two courses of at least 6 months lectures each, in each of the following subjects, viz.: Anatomy, Chemistry; and two courses of instruction of the same duration in Practical Anatomy, in the course of which they shall have

dissected the whole body, (*i. e.*, the head and neck, the upper and lower extremities, thorax and abdomen) at least twice.

(3) Of having, after passing the Matriculation Examination, attended either in this University, in the Halifax Medical College, or in some other University or College approved by the Senate, one course of instruction of six months in each of the following subjects, viz. : Physiology, including Embryology Histology, Botany, Practical Chemistry.

2. Candidates will be required to pass written and oral examinations in Chemistry, Botany, Anatomy, Physiology including Embryology, Histology, and shall also be required to pass a written and practical examination in Practical Chemistry.

3. The Primary M. D., C M. Examination will be held in the second and third weeks in April. Candidates are required to transmit the certificates specified above to the Secretary of the Faculty at least fourteen days before the date of the Examination, to enter their names in the Register of Undergraduates of the University before the date of the examination and to pay before the date of the examination one-half of the amount of the graduation fee.

4. Candidates shall appear for examination in Botany, Histology, Junior Chemistry and Junior Anatomy, one academic year after passing the Matriculation Examination, on presentation of the certificates specified above, so far as they apply to these subjects.

5. If so disposed, candidates may at the end of their second year elect to appear for examination in any two (but not less than two) or more of the remaining subjects of the Primary Examination, provided always that Chemistry shall be one of such elected subjects.

NOTE.—In the application of this sub-section, Practical Chemistry is to be taken as well as Chemistry.

6. Candidates who appear for examination in Botany, etc., at the end of their first year, will be required to pay one-sixth of the amount of the graduation fee and the remainder of the half fee at their next examination in other Primary subjects. Should the candidate fail to pass in any subject or subjects, the fee will not be returned to him, but he will be admitted to one subsequent Examination in such subject or subjects on payment of one-half the original fee.

**§ LXII.—Final M. D., C. M. Examination.—1.** Candidates for this examination shall be required to furnish certificates to the following effect, viz :

(1.) That they have completed their twenty-first year, or that they will have done so on or before the day of graduation.

This certificate shall be signed by themselves, and shall be after the following form :—

HALIFAX, ———, 18—

I, the undersigned, being desirous of obtaining the Degrees of Doctor of Medicine and Master of Surgery, do hereby declare that I have attained the age of twenty-one years, or (if the case be otherwise, that I shall have attained the age of twenty-one years before the next graduation day), and that I am not (or shall not be at that time) under articles as a pupil or apprentice to any Physician, Surgeon, or Apothecary.

(Signed),

A. B.

(2.) Of having passed the Primary M. D., C. M. Examination at this University, or of having subject to the regulations of § LXI passed the same examination at the Halifax Medical College.

(3.) Of, after passing the Matriculation Examination, either (a) having attended during four academic years, (as in § LVII.) at least two courses of lectures per year in subjects of the Primary and Final M. D., C. M. Examinations, either in this University or at the Halifax Medical College, or at some other recognized Medical School; or (b) having spent one calendar year in the study of Medicine in the office or offices of one or more registered medical practitioners, and having attended during three academic years courses of lectures as above.

NOTE.—The following shall be the form of certificate required of students who may wish to constitute one “*annus medicus*” by studying with a Physician :

I HEREBY CERTIFY that Mr. ———, of ———, studied medicine under my direction for a period of ——— months, viz., from ——— to ———, ———, M. D., *Preceptor*.

“*Preceptor* to state his qualification, whether M. D. or otherwise.”

The time included in the above certificates must in all cases be subsequent to the passing of a recognized Preliminary or Matriculation Examination.

Persons having begun the study of Medicine after January 1st, 1892, shall not be allowed to constitute an *annus medicus* by studying in a physician's office. In all such cases at least four academic years will be required by this Faculty.

(4.) Of having, after passing the Matriculation Examination attended at the Halifax Medical College, or at some other School of Medicine approved by the Senate, two courses of six months each, in each of the following subjects, viz : Principles and Practice of Surgery, Obstetrics and Diseases of Women and Children, Principles and Practice of Medicine, *Materia Medica* and Therapeutics; two courses of lectures of seventy-five lectures each, in each of the following subjects, viz. :—Clinical Medicine,

Clinical Surgery; one course of seventy-five lectures in Medical Jurisprudence, including Hygiene and Insanity, one course of at least seventy-five lectures and demonstrations in Pathology and Bacteriology, and one course of at least twenty-five lectures in Ophthalmology, Otology and Laryngology.

(5.) Of having, after passing the Matriculation Examination, attended during one calendar year the practice of the Victoria General Hospital, or that of some other Hospital approved by the Senate, and having attended during at least six months the practice of a Dispensary or of the out-patient department of a general hospital.

(6.) Of having, after passing the Matriculation Examination, served at least six months as a Dresser in the Surgical wards and six months as a Clinical Clerk in the Medical wards of a recognized Hospital, or otherwise giving satisfactory evidence of practical work in Surgery and Medicine.

(7.) Either of having, after passing the Matriculation Examination, attended at the Halifax Medical College or at some other College approved by the Senate, one course of instruction of thirty lessons in Practical Dispensing, or of having after passing the Matriculation Examination, had three months practice in the dispensing of drugs with a recognized apothecary or dispensing medical practitioner. Persons submitting a college certificate must also show that they have passed a satisfactory examination at the end of their course of instruction.

(8.) Of having, after passing the Matriculation Examination, attended for at least six months the practice of a lying-in hospital, approved by the Senate, or of having attended at least six cases of midwifery, under a recognized practitioner.

(9.) Of having, after passing the Matriculation Examination, obtained proficiency in the practice of Vaccination.

2. Candidates will be required to pass written and oral examinations in the following subjects:—Materia Medica and Therapeutics, Principles and Practice of Medicine,\* Obstetrics, and Diseases of Women and Children, Principles and Practice of Surgery,† and Medical Jurisprudence, (including Hygiene and Insanity). In Medicine and Surgery there shall also be practical clinical examinations conducted at the bedside, cases being submitted for diagnosis and treatment.

3. The final M. D., C. M., Examination will be held in the second and third weeks in April. Candidates are required to transmit the certificates specified above to the Secretary of

\* The Medical Examination will include questions in Pathology and Bacteriology.

† The Surgery Examination will include questions in Ophthalmology Otology, etc.



the Faculty at least fourteen days before the date of the Examination, to enter their names in the register of undergraduates before the date of the examination, and to pay before the date of the examination, one-half of the amount of the graduation fee.

4. Candidates shall appear for examination in *Materia Medica* and *Therapeutics*, *Medical Jurisprudence*, (including *Hygiene and Insanity*) three academic years after passing the *Matriculation Examination*, on presentation of the certificates specified above, so far as they apply to these subjects.

5. Candidates who appear for examination in *Medical Jurisprudence*, etc., at the end of their third year will be required to pay one-sixth of the amount of their graduation fee, and the remainder of the half fee at their final examination. Should the candidate fail to pass in any subject or subjects, the fee will not be returned to him, but he will be admitted to one subsequent examination in such subject or subjects, on payment of one-half the original fee.

§ **LXIII.—Academic Costume, etc.**—1. Doctors of Medicine of this University shall be entitled to wear black stuff gowns and hoods. The hoods shall have a lining of scarlet silk bordered with white silk.

2. Successful candidates for this degree shall be required to appear at Convocation in academic costume to have the degree conferred upon them. Degrees shall not be conferred in the absence of the candidate, except by special permission of the Senate.

3. Before receiving his degree, the candidate will be required to sign the following oath or affirmation :—

SPONSIO ACADEMICA.

In facultate Medicinæ Universitatis Dalhousianæ.

Ego, Doctoratus in Arte Medica, titulo jam donandus, sancto coram Deo cordium scrutatore, spondeo;—me in omni grati animi officio ergo Universitatem Dalhousianam ad extremum vitæ halitum, perseveraturum; et quoad potero, omnia ad ægrotorum corporum salutem conducentia, cum fide procuraturum; quæ denique, inter medendum, visa vel audita silere conveniat, non sine gravi causa vulgaturum. Ita præsens mihi spondenti adsit Numen.

§ **LXIV.—Fees.**—The following fees, payable by candidates for the degrees of M. D., C. M., are in all cases payable in advance :—

|                                |         |
|--------------------------------|---------|
| Registration Fee.....          | \$ 2 00 |
| Chemistry Class Fee.....       | 12 00   |
| Chemistry Laboratory Fee ..... | 8 00    |
| Botany Class Fee.....          | 6 00    |
| Graduation Fee.....            | 30 00   |

# Institutions.

## THE UNIVERSITY LIBRARY.

The Library consists of about 5,200 volumes selected to meet the wants especially of students of the Faculties of Arts and Science.

It contains the MACKENZIE COLLECTION of works on Mathematical and Physical Science, which was presented to the College by the relatives of the late Professor J. J. Mackenzie; the ROBERT MORROW COLLECTION of works on Northern Antiquities and Languages, presented by Mrs. Robert Morrow; the DEMILLE MEMORIAL, presented by Dr. MacMechan; the SETH COLLECTION of Philosophical works purchased with the proceeds of a course of Lectures on Psychology to Teachers given by Professor James Seth; and a valuable set of Classical Dictionaries the gift of the CLASS of '94.

Although there is no fund at the disposal of the Librarian for the purchase of books, the number of additions to the Library during the past year exceeds 230 volumes. This number does not include pamphlets, reports, calendars, etc.

The principal feature of the year is the increased liberality of graduates and students to the Library. The Class of '94 has presented a very valuable set of dictionaries and books of reference to the Classical Department. The Alumni Association has given 20 volumes to the Scientific Department. 16 volumes have been placed in the Canadian Corner by the Philomathic Society. 17 volumes have been purchased for the English Department with the proceeds of the "Midsummer Nights Dream" entertainment given by the students.

Two very valuable "First Editions" have been presented to the Library by Prof. George Lawson. They are both from "Christopher North's" Library. One is Wordsworth's "White Doe of Rylstone or the Fate of the Nortons," published by Longman, Hurst, etc., in 1815; the other is Scott's "Vision of Don Roderick" published by Ballantyne & Co., Edinburgh, and Longman, Hurst etc., London in 1811.

Mr. Alfred Shortt has given the Library a complete set of Wilson's Tales of the Borders.

In addition to the above the following presentations have been made :—

SETH LECTURE FUND, 39 volumes ; McMillan & Co., 26 ; President Forrest, 18 ; "Friend of the College," 11 ; Lecturers on Education, 11 ; Editors of GAZETTE, 10 ; Dalhousie Y. M. C. A., 4 vols. ; T. C. Allen & Co., Prof. W. C. Murray, F. B. Crofton—3 each ; Alex. McKay, C. D. Cory, Rufus O. Bayer, Geo. F. Johnson, B. A.—2 each ; Prof. G. L. Kittredge, Prof. C. G. D. Roberts, Miss Saunders, Geo. S. Campbell, John Montgomery, B. L., LL. B. ; Geo. Arthur, B. sc., ; Miss H. J. Jamieson, M. A. ; Prof. John Johnson, M. A. ; William Carleton, M. A.—1 each.

The *Bookman*, *Athenæum*, *Academy* and *Poet Lore* have been given to the Library during the past session by Mr. H. McInnis, LL. B.

Several members of the Faculty of Arts have regularly placed upon the Reading Tables the current numbers of the best magazines and periodicals.

Reports, publications, etc., have been received from the following :—

Dominion Government, 11 ; U. S. Bureau of Education, Wisconsin University—6 each ; Cornell Library, 4 ; Smithsonian Institution, Roy. Soc. of Canada, McGill University, Johns Hopkins University, Graduate Society of Harvard—2 each ; Quebec Government, N. S. Institute of Science, Toronto University, Queen's University, Y. M. C. A. of North America, Cobden Club—1 each.

Calendars have been received from the following Universities and Colleges :—

Edinburgh, Glasgow, Aberdeen, St. Andrew's. London, Geneva, Durham, Bristol, Mason's College, Victoria, Tokio, Sydney, Melbourne, Buenos Ayres, Yale, Cornell, Michigan, Vassar, Bryn Mawr, California, Leland Stanford, Clark, Toronto, Manitoba, Queen's, McGill, Trinity, Wycliffe, Mount Allison, Acadia, Johns Hopkins', Laval, University College of Dundee, St. Francis Xavier, Presbyterian College of Halifax, St. Dunstan's, Tulane, McMaster, Stevens Institute of Technology, Vermont, Auburn, Iowa Coll. of Physicians.

A fine engraving of Faed's "Sir Walter Scott and his Friends at Abbotsford" has been presented to the Library by Dr. Forrest.

The Library has been open every teaching day in the week from 10 A. M. to 1 P. M. and from 3 to 5 P. M. during the session. The number of students using the Library this year is much greater than that of previous years. Over 2000 books were

taken out. The average number of students who came daily to read in the Library was over 50.

By resolution of the Senate no fee or deposit is now required of any registered student who wishes to use the Library; except when books are taken out for the summer holidays, then a deposit of two dollars is required. Although the Library shelves are open and few restrictions are placed upon the use of the books, the loss of books and the inconvenience caused by neglect are trifling. This excellent state of affairs reflects great credit on the students of the University.

Much of the efficiency of the Library was due to Mr. J. B. Johnson, B. A., who discharged in a most satisfactory manner the duties of Assistant to the Librarian. Ill-health compelled him to resign before the end of the session. The work was then undertaken by Messrs. F. A. Currier, H. P. Duchemin, and J. S. Layton, who gave satisfaction to all.

The salary of an assistant to the Librarian was generously provided by the members of the Faculty of Arts.

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## THE UNIVERSITY MUSEUM.

The Museum\* consists chiefly of the THOMAS McCULLOCH and the PATTERSON COLLECTIONS.

The THOMAS McCULLOCH COLLECTION was presented to the University in 1884, by the Rev. William McCulloch, D. D., of Truro, with a fund of \$1,400 for extending the collection. It formed the Museum of Prof. Thomas McCulloch, who occupied the chair of Natural Philosophy from 1863 to 1865. It contains a large and valuable collection of birds, especially of the native birds of the Maritime Provinces, many specimens of minerals, especially of Nova Scotian species, also rock specimens, a set of carboniferous fossils, chiefly Nova Scotian, and a collection of European cretaceous fossils, Indian implements, shells of recent mollusca, native plants, etc. These collections were made in part by Rev. Thomas McCulloch, D. D., the first President of the College. The McCulloch collection of birds has recently been increased by additions paid for out of the McCulloch Museum Fund. An arrangement has been made with Mr. T. J. Egan, by which his valuable collection, containing about 30 cases, of native birds, has been placed in the Museum on loan.

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\*The Provincial Museum, in the New Provincial Building, Market Square, contains collections illustrating the Mineralogy, Geology and Zoology of the Province, and is open to the public daily; it may be conveniently used by Students.

The PATTERSON ARCHÆOLOGICAL COLLECTION.—The collection of Indian Antiquities was made by Rev. George Patterson, D. D., F. R. S. C., while engaged during a number of years in researches regarding the history and modes of life of the aborigines of Nova Scotia. The collection was presented by him to the College in 1889, on the condition that the Governors should make suitable "provision for the preservation and exhibition of the same, in such a manner as is usual in well-managed museums." It is kept as a separate collection. It contains 288 specimens, separately catalogued, and is arranged conveniently for reference. About 250 of the specimens have been obtained in Nova Scotia; they illustrate the stone age of its aboriginal inhabitants, and form an almost complete representation of the articles usually found among the remains of the native races of North America. There is also a number of similar articles from the United States, Scotland, the West Indies, and especially the New Hebrides. The classified catalogue of the collection, which is arranged according to the method adopted in the description of the archæological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

During the past year Dr. Patterson has made some valuable additions to the Museum, consisting of Indian implements from New Brunswick.

A Collection of Nova Scotian Plants, mounted and systematically arranged, is being formed by members of the Philamathic Society, who collect during the summer months.

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## THE GYMNASIUM.

Instruction is furnished by a competent Gymnast.

All male students, on paying the registration fee, are entitled to the use of the Gymnasium.

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## THE ALUMNI ASSOCIATION.

(Incorporated 1876.)

### EXTRACT FROM THE LAWS.

1. The object of the Association shall be the promotion of the interests of the University.
2. The Association shall consist of Ordinary and Associate Members.
3. All Graduates of the University, all persons who, during at least one academic year, have been registered students, either

of Dalhousie College or of Colleges which have been merged in or united with Dalhousie College, and all other persons who have at any time been educated by means of the funds of Dalhousie College, shall be eligible for ordinary membership. But no persons other than graduates shall become members until three years have elapsed from the date of their first entering the College, except by special permission of the Executive.

4. Persons not eligible for membership under Section 3, may be elected Associate members.

#### Abstract of Minutes of Annual Meeting.

The annual meeting of the Association was held at the College on the evening of the 22nd April, 1895.

The President, Mr. C. H. Cahan, addressed the Association, referring to the work which the Executive Committee had done during the year, the progress which the College is making, and the loss the Association, as well as the College, had sustained through the death of the late James Forrest.

The Rev. President Forrest made a statement with regard to the finances of the College during the past year, shewing that owing to the aid afforded by the receipts from the Guarantee Fund, and to the exercise on the part of the Governors of the strictest economy, the past year had been the easiest, from a financial point of view, since his connection with the College. Income and expenditure had about balanced. It must not be forgotten, however, that the relief afforded by the Guarantee Fund is largely temporary, that general expenses have been reduced to the lowest possible limit, and that the number of students in attendance is increasing.

The report of the Executive Committee shewed that they had been able to accomplish but little in regard to the Guarantee Fund. Subscription slips and circulars had been sent to all members of the Association, graduates, students, and friends. In addition, 1,000 copies of the address delivered by the President at last year's Convocation had been distributed. Printed notices had been already forwarded to all subscribers to the Guarantee Fund asking for payment of yearly subscription on the 30th April, 1895. The incoming executive was recommended to co-operate with the President in collecting for this fund.

According to the instructions received at last annual meeting, the executive had forwarded to Professor Johnson a copy of the resolution expressing the high appreciation by the Association of the valuable services rendered by him to the University during the thirty-one years of his tenure of the Chair of

Classics, and both Prof. Johnson and Mr. George Munro had been notified of their election by the Association to Honorary Life Membership.

The members' fees had come in so slowly during the year that it had been possible to pay to the Dean of the Faculty of Science, for the provision of apparatus and books, only the minimum grant of \$100 provided for at last annual meeting, and that only quite recently. According to a statement from the Dean of the Faculty the amount previously granted, aggregating \$310, had been expended as follows:—For apparatus, \$185.85; for books, \$89.63, leaving a balance on hand of \$36.52, which, with the amount recently received by him, formed a total available balance of \$136.52. The apparatus and books which had been purchased had been of the greatest value in facilitating the work of the Applied Science classes. It was intended to expend the balance on hand and any grant which the Association might make at this meeting in the purchase of models for the Descriptive Geometry and Steam Engine classes, and instruments for the Applied Mechanics and Electricity classes. The Descriptive Geometry class referred to had been undertaken, without emolument, by one of our own members, Mr. S. A. Morton, M. A., and would add very much to the efficiency of the work of the Science Faculty.

The report of the Treasurer, in a condensed form, was as follows:—

|  |          |
|--|----------|
| Balance on hand from last year.....      | \$92 93  |
| Members' fees received during year ..... | 84 00    |
|  | <hr/>    |
|  | \$176 93 |
| Expenditure during year.....             | 105 63   |
|  | <hr/>    |
| Balance on hand.....                     | \$71 30  |

As the income of the Association consists wholly of members' fees it is very desirable that members should pay regularly and promptly.

The following resolutions were passed:—

1. *Resolved*,—"That the incoming Executive place on the records of the Society a suitable resolution expressive of the deep loss the Association has sustained in the death of our brother alumnus, James Forrest."

2. *Resolved*,—"That the Association vote at least \$100.00 to the Science Faculty, to be increased to \$200.00 if the funds of the Association warrant the expenditure."

3. *Resolved*,—(a) "That the incoming Executive be directed to arrange in some effective manner for the collection of all outstanding arrears of subscriptions to the Guarantee Fund;

(b) "That all the alumni not already subscribers to the Guarantee Fund be again solicited in as direct a manner as possible during the coming year to become subscribers; and

(c) "That a full report of the efforts made by the Executive, and their results, be presented at the next annual meeting."

Mr. W. E. Thompson's notice of motion :—"That Article 3 of the Laws be amended in so far as it relates to students of one year's academic standing"—was allowed to stand over till the next annual meeting.

The following officers were elected for 1895-96 :—

|   |                                    |
|---|------------------------------------|
| <i>President</i> .....                      | PROF. HOWARD MURRAY, B. A.         |
| <i>Vice-Presidents</i> ... ..               | { R. J. WILSON, ESQ.               |
|   | { J. C. SHAW, M A.                 |
|   | { GEORGE G. PATTERSON, M.A., LL.B. |
|   | { W. B. WALLACE, LL. B.            |
| <i>Members of Executive Committee</i> ..... | { JOHN MONTGOMERY, B. L., LL. B.   |
|   | { PROF. J. G. MACGREGOR, D. SC.    |
|   | { C. H. CAHAN, B. A., LL. B.       |
|   | { J. A. MCKINNON, B. A., LL. B.    |
|   | { W. E. THOMPSON, LL. B.           |
| <i>Secretary</i> .....                      | { J. W. LOGAN, B. A.               |
|   | { S. A. MORTON, M. A.              |
|   | { R. H. MCLREITH, LL. B.           |
| <i>Treasurer</i> .....                      | WM. D. CAMERON, ESQ.               |
| <i>Auditors</i> .....                       | { H. B. STAIRS, LL. B.             |
|   | { W. A. LYONS, LL. B.              |

## STUDENTS' SOCIETIES.

### General Students' Meeting.

This meeting is held regularly in November and February to conduct business in which all the students of the University are interested. Special meetings may be called by the President at any time.

The DALHOUSIE GAZETTE is published by the students of the University under the authority of the General Students Meeting. The *Editors* for 1895-56 are as follows :—Morrison, J. S.; Robb, A. F.; MacGregor, R. M.; Murray, J.T.; McDrum, D.; Davis, R.

### Arts Students' Meeting.

This meeting is held regularly in October and April to conduct business in which the Arts students alone are interested. Special meetings may be called at any time by the President.

#### OFFICERS.

|                                  |                  |
|----------------------------------|------------------|
| <i>President</i> .....           | MURRAY MACNEILL. |
| <i>Vice-President</i> .....      | J. S. MORRISON.  |
| <i>Secretary</i> .....           | A. H. DENOON.    |
| <i>Executive Committee</i> ..... | { D. MCINTOSH.   |
|                                  | { C. MCLEAN,     |
|                                  | { A. D. COOK.    |





### The Philomathic Society.

The objects of this Society are : (a) to stimulate interest in Literature, Science, and Philosophy ; (b) to encourage thorough study and independent investigation in special departments ; (c) to give practice in the presentation of subjects, and in the experimental illustration of lectures ; (d) to encourage the formation of collections in Botany, Zoology, Geology, Local History, etc. Meetings are held fortnightly during the College Session.

#### OFFICERS.

|                                  |                     |
|----------------------------------|---------------------|
| <i>President</i> .....           | R. M. MACGREGOR.    |
| <i>Vice-Presidents</i> .....     | { W. M. SEDGWICK.   |
|                                  | { W. D. ROSS.       |
|                                  | { D. MCODRUM.       |
| <i>Secretary-Treasurer</i> ..... | { A. L. MACKAY.     |
|                                  | { G. A. SUTHERLAND. |
| <i>Executive Committee</i> ..... | { D. MCINTOSH.      |
|                                  | { BESSIE CUMMING.   |
|                                  | { ELMA BAKER.       |

### The Glee Club.

The Club meets once a week for the practice of glees and choruses. During the past session, a class in sight singing made excellent progress under Mr. Gatward's instruction.

|                                   |                     |
|-----------------------------------|---------------------|
| <i>President</i> .....            | ALEX. D. ARCHIBALD. |
| <i>Vice-President</i> .....       | A. H. DENOON.       |
| <i>Secretary</i> .....            | J. R. DOUGLAS.      |
| <i>Treasurer</i> .....            | ED. CUMMINGS.       |
| <i>Executive Committtee</i> ..... | { L. A. MCLEAN.     |
|                                   | { J. ROSS MILLAR.   |
|                                   | { W. H. SEDGWICK.   |
| <i>Conductor</i> .....            | MR. FRANK GATWARD.  |
| <i>Accompanist</i> .....          | MRS. FRANK GATWARD. |

### The Philosophical Club.

Five or six meetings during the session are held by this Club for the discussion of current questions of philosophical interest.

|                        |                        |
|------------------------|------------------------|
| <i>President</i> ..... | ANGUS W. MACKAY, M. A. |
| <i>Secretary</i> ..... | JOHN D. MACKAY, M. A.  |

# University Lists.

## DEGREES

Conferred April 23rd, 1895.

### BACHELOR OF ARTS.

|                                    |                         |
|------------------------------------|-------------------------|
| AITKEN, ROBERT TRAVEN DAVISON..... | Newcastle, N. B.        |
| ARCHIBALD, ADAMS DOUGLAS .....     | Halifax.                |
| ARCHIBALD, ALEXANDER DAVID.....    | Valley, Col. Co.        |
| BENT, MATILDA AGATHA.....          | Farmington, An. Co.     |
| CURRIER, FRANK ALLISON .....       | Up. Gagetown, N. B.     |
| DUCHEMIN, HENRY POPE.....          | Charlottetown, P. E. I. |
| FOSTER, ARTHUR HAYWARD.....        | Pictou Landing.         |
| FRAME, DAVID ANNAND .....          | Shubenacadie.           |
| FRASER, ALEXANDER LEWIS.....       | Blue Mountain.          |
| FRASER, DANIEL ALEXANDER .....     | New Glasgow.            |
| HEPBURN, WILLIAM MURRAY .....      | Pictou.                 |
| JORDAN, EDWARD ELLIOT.....         | Bridgetown.             |
| LAWSON, THOMAS .....               | Waterville, Kings Co.   |
| LAYTON, JAMES SMITH .....          | Elmsdale.               |
| MACDONALD, BLANCHE .....           | Hopewell.               |
| MCINTOSH, CHARLES DANIEL.....      | Sunny Brae.             |
| McNAIRN, WILLIAM WALLACE.....      | Buctouche, N. B.        |
| MORRIS, CLARENCE H.....            | Windsor.                |
| MORTON, RUPERT FREEMAN.....        | Milton, Queens Co.      |
| POLLEY, JAMES FREDERICK .....      | St. Stephen, N. B.      |
| ROBINS, EDWARD PROCTOR .....       | Bedeque, P. E. I.       |
| ROSS, JENNIE WRIGHT .....          | N. Bedeque, P. E. I.    |
| SMITH, ALEXANDER .....             | Antigonish.             |
| STIRLING, JOHN .....               | Clifton, P. E. I.       |
| STRATHIE, RALPH GRANT .....        | Harbor Grace, Nfld.     |
| TREFFRY, JAMES HARTLEY.....        | Barrington.             |

### MASTER OF ARTS.

|                                      |                          |
|--------------------------------------|--------------------------|
| CAMPBELL, WILLIAM ROBERT, B. A.....  | Truro.                   |
| GRANT, MELVILLE FINLAY, B. A.....    | Cow Bay, C. B.           |
| GRANT, ROBERT J., B. A.....          | Sunny Brae, N. S.        |
| JAMIESON, HARRIET JANE, B. A.....    | Halifax.                 |
| MCDONALD, PETER McLAREN, B. A.....   | Pictou.                  |
| McKAY, ANGUS WILLIAM, B. A .....     | Grand River, C. B.       |
| McKAY, JOHN DANIEL, B. A.....        | Earlton.                 |
| McKENZIE, ELLEN MARGARET, B. A ..... | Stellarton, N. S.        |
| ROSS, HEDLEY V., B. A.....           | Stanley Bridge, P. E. I. |

**BACHELOR OF LETTERS.**

GUNN, ALEXANDER DONALD..... East River, St. Mary's.  
 MCKAY, WILLIAM PARK ..... Truro.

**BACHELOR OF SCIENCE.**

FORREST, WILLIAM DUFF..... Halifax.  
 LANGE, CHRISTIAN C. A..... Halifax.

**BACHELOR OF LAWS.**

BARNSTEAD, ARTHUR STANLEY, B. A..... Halifax.  
 FINLAYSON, DUNCAN, B. A .. Grand River.  
 FULLERTON, CHARLES PERCY..... Amherst.  
 GERRIOR, EDWARD LAVIN, B. A..... Big Tracadie.  
 GRANT, DAVID KENZIE, M. A..... Riverton.  
 KEEFLER, RALPH TUPPER, B. A..... Bridgewater.  
 KING, HENRY WYETH DEWOLFE..... Windsor.  
 LOVETT, LAURENCE ARTHUR..... Kentville.  
 McLEIREITH, ROBERT..... Halifax.  
 McLEAN, CHARLES ARCHIBALD, B. A..... Englishtown, C. B.  
 OUTHIT, JAMES FRANCIS..... Melvern Square, An. Co.  
 SHAW, GEORGE SMITH.... St. John, N. B.  
 TREMAINE, CHARLES FREDERICK..... Halifax.

**DOCTOR OF MEDICINE AND MASTER OF SURGERY.**

FAIRBANKS, HARRY GRAY..... Halifax.  
 McDONALD, JOHN CLYDE..... Riverside, Hants.  
 MCKAY, KATHERINE JOANNA..... Plainfield, Pictou.  
 MOORE, ERNEST FRASER, B. A. (Mt. All.)... Halifax.  
 MUNRO, CRANSWICK BURTON..... River John.  
 MURPHY, GEORGE NELSON, M. D. (Bellevue). Windsor.  
 SIMPSON, HENRY OSMOND..... Dartmouth.

**GENERAL PASS LIST.**

(Containing the names, alphabetically arranged, of undergraduates who have passed in all the subjects proper to their years.)

**FACULTY OF ARTS.***For B. A. Degree.*

FOURTH YEAR.—Aitken, R. T. D ; Archibald, Adams D.; Archibald, Alex. D.; Bent, Matilda Agatha ; Currier, F. A.; Duchemin, H. P.; Foster, A. H.; Frame, D. A.; Fraser, A. L.; Fraser, D. A.; Hepburn, W. M.; Jordan, E. E.; Lawson, T.; Layton, J. S.; Macdonald, Blanche ; McIntosh, C. D.; McNairn, W. W.; Morris, C. H.; Morton, R. F.; Polley, J. F.; Robins, E. P.; Ross, Jennie Wright ; Smith, A.; Stirling, J.; Strathie, R. G.; Trefry, J. H.

THIRD YEAR.—Baker, Elma ; Benoit, J. A.; Church, Nina Elizabeth ; Cumming, Bessie Arnot ; Currie, W. D.; Davidson, Lilla A.; Douglas, J. R.; Grant, G. A.; Hill, A. M.; McGregor, R. M.; McKay,

Mary A.; McKay, W. R.; Macneill, M.; Mahon, H. E.; Murdock, W. C.; Murray, L. W.; Robb, A. F.; Rodgerson, J. A. C.; Ross, W. D.; Sedgwick, W. M.; Stirling, A. D.; Sutherland, G. A.

SECOND YEAR.—Archibald, H. T.; Austen, Minna May; Brodie, W. S.; Burchell, C. J.; Cameron, I. W.; Clark, H. M.; Cummings, E.; Denoon, A. H.; Faulkner, E. R.; Forbes, W.; Grant, Mary Sibella; McKay, I.; McLeod, G. S.; McLean, S. C.; Millar, J. R.; Morton, J. R.; Murray, J. T.; Nicholson, J. W. A.; Reid, D. McK.; Sedgwick, W. H.; Shinner, H. R.; Thompson, Margaret; Urquhart, D. H.; Waddell, W. H.; Wilkie, Florence Annie.

FIRST YEAR.—Blanchard, A. B.; Campbell, D. McD.; Carmichael, G. W.; Colquhoun, J. G.; Corston, J. R.; Crowe, H. S.; Davis, R.; DeWolfe, Margaret Woodill; Doull, J.; Grant, C. F.; Hemmeon, J. C.; Hockin, J. G.; Kennedy, Elizabeth Erota; Lewis, Bessie Blanche; Logan, Bessie Margaret; McKay, Katie Wetmore; McKenzie, J. B.; Macrae, D. A.; Reid, H. R.; Rankine, J. M.; Ross, T.; Wood, George.

*For B. L. Degree.*

FOURTH YEAR.—McKay, W. P.; Gunn, A. D.

THIRD YEAR.—Hill, Amy; Johnstone, J. R.; Marshall, Lillian E.

#### FACULTY OF PURE AND APPLIED SCIENCE.

*For B. Sc. Degree.*

FOURTH YEAR.—Forrest, W. D.; Lange, C. C. A.

THIRD YEAR.—McIntosh, Douglas.

FIRST YEAR.—Archibald, E. M.; Cook, A. D.

#### FACULTY OF LAW.

*For LL. B. Degree.*

THIRD YEAR.—Barostead, A. S.; Finlayson, D.; Fullerton, C. P., Gerroir, E. L.; Grant, D. K.; Keebler, R. T.; King, H. W. D.; Lovett, L. A.; McIlreith, Robert; McLean, C. A.; Outhit, F. J.; Shaw, G. S.; Tremaine, C. F.

SECOND YEAR.—Bige'ow, H. V.; Hood, Jo'n; McKay, R. S.; Murray, R. H.; Ross, Hugh; Scott, F. B.; Ternan, G. C. B.; Wood, J. E.

FIRST YEAR.—Ferguson, W. M.; Knight, J. A.; McKay, J. W.; Mackinnon, J. L.; McPhie, Stewart; Mitchell, C. R.; Morrison, F. A.; O'Donoghue, Richard; Phalen, R. F.

#### FACULTY OF MEDICINE.

*Final M. D., C. M. Examinations.*

Fairbanks, H. G.; McDonald, J. C.; McKay, Katherine Joanna; Moore, E. F., B. A. (Mt. Allison); Munro, C. B.; Murphy, G. N., M. D. (Bellevue Hosp. Med. Coll.); Simpson, H. O.

THIRD YEAR.—McEwen, H. M.; Olding, Clara May; Ross, A.; Williamson, S. W.

*Primary M. D., C. M. Examinations.*

Bentley, R. D.; Bissett, E. E.; Fairbanks, H. G.; Gates, C. R.; Grierson, R.; Macdonald, W. H.; Munro, C. B.; Payzant, H. A.; Slauenwhite, S.

FIRST YEAR.—Archibald, M. G.; Gandier, G. G.; McKenzie, M. D.; Thompson, A.

## HONOURS, MEDALS, Etc., 1894-95.

## HONOURS.

✓ CLASSICS :—† Duchemin, Henry Pope, *High Honours*.

✓ MATHEMATICS AND MATHEMATICAL PHYSICS.—† Jordan, Edward Elliot, *High Honours*; ✓ Macdonald, Blanche, *Honours*; ✓ Lawson, Thomas, *Honours*.

✓ PHILOSOPHY.—† Robins, Edwin Proctor, *High Honours*; † Stirling, John, *High Honours*.

† Attained Standard qualifying for Medal.

## GENERAL DISTINCTION.

✓ Ross, Jennie Wright, *Great Distinction*; Hepburn, William Murray, *Great Distinction*. ✓ Lange, Christian C. A., *Distinction*; ✓ Fraser, Daniel Alexander, *Distinction*.

## MEDAL.

✓ SIR WM. YOUNG GOLD MEDAL :—Jordan, Edward Elliot.

## SPECIAL PRIZES.

✓ AVERY PRIZE :—Ross, Jennie Wright.

✓ WAVERLEY PRIZE :—Cameron, Ira W.

✓ NEW BRUNSWICK ALUMNI PRIZE :—McRae, Donald Alex.

## SIR WILLIAM YOUNG'S AND PROFESSORS' SCHOLARSHIPS.

- |                               |                       |
|-------------------------------|-----------------------|
| 1. ✓ Austen, Minnie May.      | 5. Brodie, William S. |
| 2. ✓ Nicholson, John W. A.    | 6. Shinner, Harry R.  |
| 3. ✓ Cameron, Ira W.          | 7. Doull, John.       |
| 4. ✓ Sedgwick, William Henry. |                       |

## EXAMINATIONS, 1894-95.

## FACULTIES OF ARTS AND SCIENCE.

## MATRICULATION EXAMINATIONS.

JUNIOR :—With *First Class Distinction* : Austen, Minna May; Nicholson, John William Angus (equal); Cameron, Ira W.. With *Second Class Distinction* : Sedgwick, William Harry; Brodie, William S; Shinner, Harry Robert; Doull, John; Grant, Clarence Fraser. *Passed* : Archibald, Eben Henry; Archibald, Ernest M.; Barnstead, Mabel A.; Blair, Alexander David; Colquhoun, John G.; Denoon, Alexander Hugo; Keddy, Douglas Ross; Mackay, John W.; Mackenzie, Alexander G; McNairn, William Wallace; Maxwell, Ellen; Murray, Norman G.; Phalen, R. F.; Read, Hibbert R.; Rice, Grace E.; Taylor, John Allen; Vernon, Gilbert Hugh.

SENIOR.—Hattie, Robert M.; Waddell, William, Henry.

## MATRICULATED BY CERTIFICATE.

FIRST YEAR.—Blanchard, Aubrey B.; Buchanan, Murdoch; Campbell, Duncan; Carmichael, George William; Cook, Alexander David; Corston, James Robert; Crowe, Henry Stanley; Davis, Roy; DeWolfe, Margaret Woodill; Dickie, Edwin Egbert; Ferguson, William M.; Finn, Robert E. D.; Fisher, Franklin; Hemmeon, Clarence J.; Hockin, John George; Johnson, Charles Herbert; Kennedy, Elizabeth E; Lewis, Elizabeth; Logan, Elizabeth; Macdonald, Daniel J.; McKay,

Katherine ; McKenzie, John B ; McPhie, Stewart ; McRae, Donald Alexander ; Rankine, James Miller ; Ross, Theodore ; Wood, George.

SECOND YEAR.—Austen, Minna May ; Brodie, William Stewart ; Cameron, Ira William ; Cummings, Edward ; Nicholson, John William A. ; Rodgeron, James A. C. ; Sedgwick, William Henry ; Shinner, Harry Robert ; Thompson, Margaret ; Urquhart, Donald Howard ; Wilkie, Florence Annie.

#### SUPPLEMENTARY EXAMINATIONS.

FIRST YEAR : *Latin*.—Clarke, Harold M. ; Dickie, Gordon ; Grant, Mary Sibella ; McIntosh, Charles Daniel ; McRae, Duncan Murdoch. *Greek*.—Kirke, Joseph Howe ; McIntosh, Charles Daniel ; McRae, Duncan Murdoch ; Young, Milton R. *Mathematics*.—Gunn, Alex. Donald. *Arithmetic and Algebra*.—Burton, Frederick M.

SECOND YEAR : *Latin*.—Benoit, John Alphonse ; Mahon, Harry Edmund ; McIntosh, Charles Daniel ; Morris, Clarence H. ; Murray, John C. *Greek*.—McIntosh, Charles Daniel ; Smith, Alexander. *Mathematics*.—McNairn, William Wallace ; Stirling, Alexander Dinwoodie. *Geometry*.—Dickie, Gordon. *Trigonometry*.—Johnston, James Robinson. *English*.—McRae, Duncan Murdoch. *Logic*.—McKay, William Park.

THIRD YEAR : *Latin*.—Archibald, Alexander D. ; Dickie, Gordon ; Fraser, Alexander Lewis ; Gunn, Alex. Donald ; Morris, Clarence H.

#### SPECIAL EXAMINATIONS.

*Greek*.—Clarke, Harold M. ; McNairn, William Wallace.

*Geometry*.—McKay, Katherine.

*English*.—McKay, John W.

#### DEGREE EXAMINATIONS.

##### CLASS LISTS.

(Containing the names, arranged in order of merit, of all students who have passed in the subjects of the various classes.)

##### LATIN.

FOURTH YEAR : *Class I*—Church, Nina E. ; Duchemin, H. P. *Class II*—Bent, Tillie A. *Passed*—Morton, R. F. ; Butler, G. K.

THIRD YEAR : *Class I*—Grant, G. A. *Class II*—Rodgeron, J. A. ; MacGregor, R. M. ; Baker, Elma ; Hill, A. M. *Passed*—McKay, Mary A. ; Dickie, G. ; Sedgwick, W. M. ; Mahon, H. ; Cummings, A. G. ; Murray, J. C.

SECOND YEAR : *Class I*—Austen, May ; Nicholson, J. W. A. ; Cameron, I. ; McKay, I. ; Coffin, R. L. ; Sedgwick, W. H. ; Shinner, H. R. ; Archibald, H. T. ; Millar, J. R. ; Wilkie, Florence A. *Class II*—Faulkner, E. R. ; Burchell, C. J. ; Morton, J. R. ; Cummings, E. ; Forbes, W. *Passed*—Clark, H. M. ; Denoon, A. H. ; Murray, J. T. ; Brodie, W. S. ; Dakin, W. ; Fisher, A. F. ; Reid, D. M. ; Grant, Mary S. ; Young, M. R. ; Thompson, Margaret ; Maxwell, Ellen ; Urquhart, D. H. ; McLellan, L. ; McOdrum, D. ; Hetherington, Eva ; Maxwell, G. H. ; Waddell, W. H. ; McLean, S. C. ; McLeod, G. S. ; McKay, A. L. ; Keddy, D. R. ; Hattie, R. M. ; McLean, L. A.

FIRST YEAR : *Class I*—MacRae, D. A. ; McKenzie, J. B. ; Lewis, Elizabeth ; Grant, C. F. ; Crowe, H. S. ; Ross, T. ; Blanchard, A. B. ; Logan, Elizabeth ; Doull, J. ; Hockin, J. G. ; Hemmeon, J. C. *Class II*—Campbell, D. M. ; Read, H. R. *Passed*—Carmichael, W. ; Davis, Roy ;

Irving, T.; Rankine, J. M.; Archibald, Eugenie; Kennedy, Elizabeth; Gould, S. T.; McKay, Katherine; DeWolfe, Margaret; Johnson, C.; Rice, Grace; Colquhoun, J. G.; Wood, G.; Corston, J. R.; Ross, W. A.; Fisher, F.; O'Brien, O. F.; Noble, J. D.; Barnstead, Mabel; Murray, N.; Dickey, E. E.; Buchanan, M.; O'Brien, M. A.; Morrison, W. A.; Morrison, Helena; Perry, Margaret A.; Murray, R. P.; McKay, R. G.; Taylor, J. A. *Passed in April Examination*—Mont, J. W.; McCuish, K.

## GREEK.

FOURTH YEAR: *Class I*—Duchemin, H. P.; Hepburn, W. M.; Church, Nina E.; Ross, Jennie W. *Class II*—Bent, Tillie A.; Morton, R. F. *Passed*—Butler, G. K.

THIRD YEAR: *Class I*—Grant, G. A. *Class II*—Baker, Elma; Davidson, Lilla; Hill, A. M. *Passed*—McKay, Mary A.; Currie, W. D.

SECOND YEAR: *Class I*—Nicholson, J. W. A.; Austen, May; Archibald H. T.; Cameron, I.; McKay, I.; Shinner, H. R.; Sedgewick, W. H.; Wilkie, Florence; Coffin, R. L. *Class II*—Faulkner, E. R.; Morton, J. R.; Urquhart, D. H.; Denoon, A. H.; Millar, J. R.; Forbes, W. *Passed*—Clark, H. M.; Brodie, W. S.; Young, M. R.; Fisher, A. F.; McOdrum, D.; Dakin, W.; MacKay, A. L.; Cummings, E.; Maxwell, G. H.; Reid, D. M.; Keddy, D. R.; McLean, L. A.

FIRST YEAR: *Class I*—MacRae, D. A.; Grant, C. F.; Crowe, H. S.; Doull, J.; Blanchard, A. B.; Campbell, D. M. *Class II*—Ross, T.; Davis, R.; Hemmeon, J. C.; Read, H.; McKenzie, J. B. *Passed*—Kennedy, Elizabeth; Irving, T.; Hockin, J. G.; Gould, S. T.; Logan, Elizabeth; Rankine, J. M.; McKay, Katherine; Colquhoun, J. G.; Wood, G.; Murray, N.; Johnson, C.; Buchanan, M.; Ross, W. A.; Noble, J. D. *Passed in April Examination*.—Dickey, E. E.; Morrison, W. A.

## FRENCH.

THIRD FRENCH: *Class I*—Hill, Amy. *Class II*—Marshall, Lillian; McKay, W. P. *Passed*—Chisholm, Winnifred B.

SECOND FRENCH: *Class I*—Ross, Jennie W.; Murray, J. T.; Burchell, C. J. *Class II*—McLean, S. C.; Grant, Mary S. *Passed*—Morrison, Helena; Morton, R. F.; Waddell, W. H.; Burgoyne, Dora C.; McLeod, George S.; Blair, A. D.; Crockett, A. E.; McLellan, Leander B.

FIRST FRENCH: *Class I*—Mullins, Jennie E.; Carmichael, G. W.; Archibald, Eugenie; Currie, W. D.; Murray, L. W.; Perry, Margaret A.; Taylor, J. A. *Class II*—Archibald, E. M.; Cook, A. D.; DeWolfe, Margaret; Corston, J. R. *Passed*—Barnstead, Mabel A.; O'Brien, O. F.; O'Brien, M. A.; McLellan, Leander B.; McInnes, H. W.; McCuish, K.; McKinnon, W. B.; Magee, Rena M.; Osborne, N. A.; Miller, J. B.; Meagher, J. A.

## GERMAN.

FOURTH GERMAN: *Class II*—Forrest, William D.

THIRD GERMAN: *Class I*—Lange, C. C. A.; Marshall, Lillian; Hill, Amy; Dickie, Gordon. *Class II*—Johnston, James R.

SECOND GERMAN: *Class I*—Ross, Jennie W.; Lewis, Elizabeth; Bent, Tillie A. *Class II*—Robins, E. P. *Passed*—Thompson, Margaret; Gunn, A. D.; Chisholm, Winnifred B.; Hattie, R. M.

FIRST GERMAN: *Class I*—MacNeil, M. *Passed*—McKay, J. St. Clair; Archibald, E. M.; McInnes, H. W.; Ross, W. D.; MacIntosh, D.; Cook, A. D.



## ENGLISH.

ADVANCED—Ross, Jennie W.; Currier, F. A.; Bent, Tillie A.

SENIOR—*Class I*—Church, Nina E.; Ross, W. D.; Cumming, Bessie A. *Class II*—Trefry, J. H.; Ross, Jennie W.; Murdoch, W. C.; Currier, F. A.; Fraser, D. A.; Morrison, J. S. M. *Passed*—Sedgewick, W. M.; Crockett, A. E.; Jordan, E. E.; Gunn, A. D.; Baker, Elma; Morton, R. F.; Irving, T.; Bent, Tillie A.; Dickie, G.; Cummings, A. G.; Marshall, Lillian E.; Davidson, Lilla A.; Butler, G. K.

SECOND YEAR: *Class I*—Murray, J. T.; Nicholson, J. W. A. *Class II*—McOdrum, D.; Coffin, R. L.; Hattie, R. M.; Sedgewick, W. H.; Archibald, H. T.; Cameron, I. W. *Passed*—Austen, May; Keddy, D. R.; McKay, Ira; Cumming, A. E.; Denoon, A. H.; Crockett, A. E.; Fisher, A. F.; Faulkner, E. R.; McLean, S. C.; Brodie, W. S.; Thompson, Margaret; Wilkie, Florence A.; Clark, H. M.; Forbes, W.; MacKay, A. L.; McLean, L. A.; Millar, J. R.; Young, M. R.; Reid, D. M.; Shinner, H. R.; Urquhart, D. H.; Maxwell, G. H.; Waddell, W. H.; Grant, Mary S.; Morton, J. R.; Burchell, C. J.; Dakin, W.; Archibald, E. H.; McLellan, L. B.; Morrison, H. T.; Reid, Alberta V.; MacLeod, G. S.

FIRST YEAR: *Class I*—Davis, R.; Lewis, Bessie; McRae, D. A. *Class II*—Hemmeon, J. C.; Barnstead, Mabel A.; Ross, W. A.; Hockin, J. G.; Magee, Rena M.; Blanchard, A. B. *Passed*—Colquhoun, J. G.; Crowe, H. S.; Doull, J.; Archibald, Eugenie; McKay, R. G.; Noble, J. D.; Buchanan, M.; Mackenzie, J. B.; Read, H.; Johnson, C. H.; Kennedy, Elizabeth E.; DeWolfe, Margaret; Campbell, D.; Morrison, W. A.; Cook, A. D.; Carmichael, G. W.; Corston, J. R.; Dickie, E. E.; Ross, T.; Logan, Elizabeth; McInnes, H. W.; O'Brien, O. F.; Wood, G.; Taylor, J. A.; Gould, S. T.; Grant, C. F.; Murray, N. G.; McKay, Katherine; McKinnon, W. T.; O'Brien, M. A.; Rankine, J. M.

## HISTORY.

FOURTH YEAR: *Class I*—Ross, Jennie W.; Trefry, J. H.; Hepburn, W. M.; Frame, D. A.; Archibald, Alex. D. *Class II*—MacIntosh, C. D.; Fraser, D. A.; Hill, Amy; McNairn, W. W. *Passed*—Currier, F.; Archibald, Adams; Morton, R. F.; Fraser, A. L.; McKay, W. P.; Smith, A. W.; Gunn, A. D.; Aitken, R. T. D.

THIRD YEAR: *Class I*—McGregor, R. M.; Ross, W. D.; Murdoch, Wm.; Morrison, J. S. M.; Rodgeron, J. A. C.; Grant, George; Dickie, Gordon. *Class II*—Sedgewick, W. M.; Currie, W. D.; Douglas, J. R. *Passed*—McRae, D. M.; Davidson, Lilla A.; Robb, A. F.; Baker, Elma; Hill, A. M.; Fraser, A. L.; Cummings, A. G.; Irving, Thomas; Mahon, H.; Marshall, Lillian; Read, Alberta; Sutherland, G. A.; Campbell, A. H.; McKay, Mary A.; McKay, W. R.; Stirling, A. D.; Murray, L. W.; Johnston, James; Murray, J. C.

## ADVANCED POLITICAL ECONOMY.

*Class I*—Robins, E. P.; Trefry, J. H.; Ross, Jennie W. *Class II*—(Frame, D. A.; Archibald, Alex. D.;) McKay, W. P.

## POLITICAL ECONOMY.

*Class I*—Hepburn, William; Douglas, J. R.; Fraser, D. A.; Dickie, Gordon. *Class II*—Currier, Frank; Layton, James; McRae, D. M. *Passed*—Grant, George; Robb, A. F.; Hill, Amy; Stirling, A. D.; Currie, W.; Campbell, A. H.; Rea, Alberta V.; Sutherland, G. A.; McKay, W. R.; Davidson, Lilla; Aitken, R. T. D.; Murray, L. W.; Johnston, James.

## PHILOSOPHY.

JUNIOR.—*Class I*—McKay, Ira ; Nicholson, J. W. A. ; Clarke, H. M. ; Murray, J. T. ; Archibald, H. T. *Class II*—Cameron, I. W. ; Urquhart, D. H. ; Archibald, E. H. ; Cummings, Ed. ; Brodie, W. S. *Passed*—Fisher, A. F. ; Sedgewick, W. H. ; Austen, Minna M. ; McOdrum, D. ; McKay, Alex. L. ; Keddy, D. R. ; (McLean, L. A. ; Coffin, R. L.) ; Burchell, C. J. ; (Forbes, W. ; Reid, D. M.) (Denoon, A. H. ; Millar, J. R.) Murray, R. ; Grant, Mary S. ; Waddell, W. H. ; Wilkie, Flora A. ; McLean, S. C. ; Johnstone, J. R. ; Young, M. R. ; Dakin, W. ; Faulkner, E. R. ; Crockett, A. E. ; Thompson, Margaret ; Maxwell, G. H. ; Morton, J. R. ; McLellan, L. B. ; McLeod, G. S. ; Hetherington, Eva ; Shinner, H. R.

SENIOR.—*Class I*—Robins, E. P. ; Stirling, J. ; Strathie, R. G. ; Cumming, Bessie A. ; Hepburn, W. M. ; Foster, A. H. ; MacGregor, R. M. *Class II*—Layton, J. S. ; Robb, A. F. ; Fletcher, Kate. *Passed*—McKay, W. R. ; Murdoch, W. C. ; Grant, Geo. A. ; Currier, F. A. ; Sutherland, G. A. ; Fraser, A. L. ; Hill, A. M. ; Hill, Amy ; Polley, Jas. F. ; Campbell, A. H. ; Liechti, Bertha ; Sedgewick, W. M. ; Douglas, J. R. ; Cropper, J. B. ; McRae, D. M. ; Mahon, H. E. ; Stirling, A. D.

MORAL.—*Class I*—Strathie, R. G. ; (Foster, A. H. ; Hepburn, W. M.) Cumming, Bessie A. *Class II*—Frame, D. A. ; Layton, J. S. ; McLean, L. H. ; (B. A.) *Passed*—Ross, Jennie W. ; McIntosh, C. D. ; McNairn, W. W. ; Polley, James F. ; Currier, F. A. ; Archibald, Alex. D. ; Archibald, Adams D. ; Smith, A. W. ; Aitken, R. T. D.

## EDUCATION.

*Class I*—Stirling, John. *Class II*—Keirstead, May. *Passed*—Wells, Margaret M. ; O'Donnell, Florence M. ; Rankine, Annie B. ; Trefry, J. H. ; Moody, Georgina M. ; Layton, J. S. *Passed in History of Education*—Morton, R. F. *Passed in Theory of Education*—Sheehan, Joanna A.

## MATHEMATICS.

SECOND YEAR : *Class I*—Cameron, Ira W. ; Nicholson, J. W. A. ; Maclean, S. C. ; Urquhart, D. H. *Class II*—Archibald, H. T. ; McKay, A. L. ; Morrison, H. T. ; Sedgewick, W. H. ; Millar, Ross ; Austen, May. *Passed*—Dakin, W. ; Shinner, H. R. ; Blair, A. D. ; Young, M. R. ; Forbes, W. ; Brodie, W. S. ; Thompson, Margaret ; Cumming, E. ; Denoon, A. H. ; McKay, Ira ; Faulkner, Ross ; Reid, D. M. ; Murray, J. T. ; Clark, H. M. ; Archibald, E. H. ; Grant, Mary S. ; Waddell, W. H. ; Fisher, A. F. ; Burchell, C. ; Wilkie, Florence ; Hattie, R. M. ; MacLean, L. A. ; McLeod, G. S. ; Morton, J. R. *Passed in Geometry, etc*—Maxwell, R. Ellen ; Hetherington, Eva ; Coffin, R. L. ; Keddy, D. R. ; Maxwell, G. H. ; McLellan, L. ; McOdrum, D. *Passed in Trigonometry, etc*—Johnston, J. R.

FIRST YEAR : *Class I*—McRae, D. ; Blanchard, A. B. ; Cook, A. D. *Class II*—Hemmeon, J. C. ; McKenzie, J. B. ; Archibald, Eugenie ; Grant, C. F. ; Carmichael, G. W. ; Read, H. R. ; Logan, Bessie ; Ross, Theodore ; Davis, Roy ; Ross, Wm. ; Campbell, D. M. ; DeWolfe, Margaret W. ; Crowe, H. S. ; Hockin, J. G. ; Archibald, E. ; Mackay, R. G. *Passed*—Wood, G. ; O'Brien, O. F. ; Lewis, Elizabeth B. ; Doull, J. ; O'Brien, M. A. ; Corston, J. R. ; Dickey, E. E. ; Perry, Margaret A. ; Kennedy, Elizabeth E. ; McKay, Katherine W. ; Colquhoun, J. G. ; Gould, S. T. ; Rankine, J. M. *Passed in Geometry and Mensuration*—Johnson, C. ; Murray, N. *Passed in Algebra*—Magee, Rena M. ; Barnstead, Mabel A. ; Buchanan ; McCuish ; McInnes.

## PHYSICS.

SENIOR PHYSICS.—*Class I*—Jordan, E. E. ; MacNeill, M. ; MacDonald, Blanche. *Class II*—McIntosh, D. *Passed*—Benoit, J. A. ; Lawson, T. ; MacDonald, W. A.

JUNIOR PHYSICS—*Class I*—MacNeill, M. *Class II*—Sutherland, G. A.; McKay, W. R.; MacGregor, R. M. *Passed*—Morrison, H. T.; Robb, A. F.; Cumming, Bessie A.; Rodgerson, J. A. C.; Blair, A. D.; Murray, L. W.; Douglas, J. R.; Archibald, E. H.; Sedgewick, W. M.; Murdoch, W. C.; Baker, Elma; Davidson, Lilla A.; Currie, W. D.; Mahon, H. E.; McKay, Mary A.; Morrison, J. S. M.; Hill, A. M.; Marshall, Lillian E.; McRae, D. M.; Campbell, A. H.; Stirling, A. D.; Grant, G. A.

PRACTICAL PHYSICS.—*Class II*—McIntosh, D.

PRACTICAL CHEMISTRY (ADVANCED).

*Class I*—McIntosh, Douglas; Lange, C. C. A.; McKay, W. P.; Forrest, Wm. D.; Lawson, Thomas. *Class II*—Nissen, J. M.

PRACTICAL CHEMISTRY (SYSTEMATIC COURSE).

*Class I*—Blair, A. D.; Archibald, Ernest M.; Mackay, Mary A.; Archibald, Eben H. *Class II*—Trefry, J. H. *Passed*—Irwin, John F.

ORGANIC CHEMISTRY.

*Class I*—McIntosh, Douglas; Crockett, A. E.; Layton, Jas. S.; Fraser, D. A. *Class II*—Nissen, J. M.

INORGANIC CHEMISTRY.

*Class I*—Campbell, D. McD.; MacRae, D. A.; Doull, John; Crowe, Henry S.; Logan, Bessie M. *Class II*—McKay, John St. Clair; Blanchard, Aubrey B.; Ross, Theodore; Cook, A. D.; Ross, W. A.; Dickie, Edwin E.; DeWolfe, Margaret; Lewis, Bessie; Hemmeon J. Clarence; Archibald, Eugenie; Gould, Stewart T.; Archibald Ernest M.; Davis, Roy; Magee, Rena M. *Passed*—Carmichael, Geo. Wm.; O'Brien, M. A.; O'Brien, O. F.; Johnson, Charles; Noble, John D.; Rice, Grace E. B.; Taylor, John Allan; MacKay, Robt. G.; Grant, Clarence F.; Read, Hibbert R.; Wood, George; McKenzie, John B.; Colquhoun, John G.; Corston, Jas. R.; Barnstead, Mabel; Buchanan, Murdoch; Morrison, W. A.; McCuish, Kenneth; Burns, Winifred; Mont, John D.; Rankine, Jas. M.; Weaver, Geo. D.; Hockin, John G.; McKay, Katie; Kennedy, Elizabeth E.; Murray, R. P.; Murray, Norman G.; MacKinnon, Wm.; Irwin, J. F.; Morrison, Helena.

BOTANY.

*Class I*—McIntosh, Douglas; Robins, Edwin P.; MacKay, Wm. P.; Morrison, J. S. M.; Fraser, D. A. *Class II*—Trefry, J. H.; Layton, J. S.; Cook, A. D.; Rodgerson, J. A. C.; Irving, Thos.; Magee, Rena M. *Passed*—Perry, Margaret A.

SURVEYING.

*Class I*—MacDonald, W. A.

PHYSIOLOGY.

*Class I*—Lange, K. C. A. *Class II*—Forrest, W. D.

HISTOLOGY.

*Class II*—Forrest, W. D.

JUNIOR ANATOMY.

*Class II*—Forrest, W. D.

## FACULTY OF LAW.

## DEGREE EXAMINATIONS.

Containing the names arranged in the order of merit in the First and Second Class and alphabetically in the Pass List, of Students who have passed in the various subjects.)

## CRIMES.

*Class I.*—O'Donoghue; McKinnon; Morrison, F. A.; Knight; Phalen. *Class II.*—Mitchell; Mackenzie; Vernon. *Passed.*—Anderson; Ferguson; McKay, J. W.; McPhie; Morrison, J. S.

## CONFLICT OF LAWS.

*Class I.*—Wood; Ross; McKay, R. S.; Bigelow. *Class II.*—Hood; Ternan; Loggie; Scott. *Passed.*—Murray, R. H.; McCart; McVicar.

## SHIPPING.

*Class I.*—Grant; King; Outhit. *Class II.*—Fullerton; MacIlreith; Lovett; McLean. *Passed.*—Girrior; Shaw; Tremaine.

## CONSTITUTIONAL LAW.

*Class I.*—Ross; Wood; Loggie. *Class II.*—McCart; Scott; McKay; Ternan; Gunn. *Passed.*—Hood; McVicar.

## INTERNATIONAL LAW.

*Class I.*—Grant; Outhit; King; Barnstead. *Class II.*—Fullerton; Girroir; Finlayson; Lovett; Keefer; MacIlreith; Tremaine; McLean; Murray, R. H.; *Passed.*—Fraser; Shaw.

## CONSTITUTIONAL HISTORY.

*Class I.*—MacGregor, R. M.; O'Donoghue; Morrison, J. S. *Class II.*—Morrison, F. A.; McKinnon; Phalen; Ferguson; Mitchell; Knight. *Passed.*—Anderson; Cummings; Finn, R. E.; Gunn, A. D.; Johnson; MacKay, J. W.; Mackenzie; MacPhee; Mahon; Murray.

## REAL PROPERTY.

*Class I.*—McKinnon; (O'Donoghue; Morrison, F. A.); Ferguson; Knight. *Class II.*—Phalen; Morrison, J. S.; McPhie; Vernon; (Mitchell; McKenzie). *Passed.*—Anderson; Mahon, H. E.; Mackay, J. W.; Moseley.

## EVIDENCE.

*Class I.*—Fullerton; Scott; Finlayson; (Lovett; Barnstead.) *Class II.*—(Tremaine; Ross; McLean); (McIlreith; Wood); (Shaw; Hood); Keefer; King; Bigelow; Grant; McVicar; McKay, R. S. *Passed.*—Girroir; Loggie; Murray, R. H.; Outhit; Ternan.

## TORTS.

*Class I.*—Bigelow; O'Donoghue; McKinnon. *Class II.*—Morrison, F. A.; Vernon; (Phelan; Mackay, J. S.); McPhie. *Passed.*—Aitken, T. D.; Ferguson; Knight; Mackenzie; Mitchell; Moseley; Sullivan.

## EQUITY.

*Class I.*—McKay, R. S.; Girrior; Grant; Fullerton; Murray, R. H.; Lovett; Barnstead; Finlayson; Bigelow; Wood. *Class II.*—Keefer; Outhit; Scott; McIlreith; McLean. *Passed.*—Fraser; Hood; King; Loggie; McCart; McVicar; Ross; Shaw; Ternan; Tremaine.

## CONTRACTS.

*Class I.*—(McKinnon; O'Donoghue); Knight; Morrison; Mitchell. *Class II.*—Gunn; McPhie. *Passed.*—Aitken, T. D.; Anderson; Ferguson; Finn, R. E.; McKay, J. W.; McKenzie; Phalen; Vernon.

## SALES.

*Class I.*—Fullerton; Grant; Bigelow; McKay, R. S.; Barnstead Ross. *Class II.*—Lovett; Keefer; Wood; Loggie; Murray, R. H.; Outhit. *Passed.*—Finlayson; Fraser; Girroir; Hood; King; MacIlreith; McLean; Scott; Shaw; Ternan; Tremaine.

## CONVEYANCING.

*Class I.* (alphabetically).—Barnstead; Bigelow; Fullerton; Girroir; Grant; Hood; Keefer; King; Loggie; Lovett; McCart; McKay; R. S.; McVicar; Murray, R. H.; Ross; Scott; Wood. *Class II.*—Finlayson; Fraser; MacIlreith; McLean; Outhit; Shaw; Ternan; Tremaine.

## FACULTY OF MEDICINE.

## DEGREE EXAMINATIONS.

## CLASS LISTS.

Containing the names arranged in order of merit of all students who have passed in the subjects of the various classes.)

## JUNIOR ANATOMY.

Lange, Christian Christoph Andrew; Archibald, Matthew Geo.; Thompson, Alfred; McKenzie, Murdoch Daniel; Richaur, Thomas Richard; Gandier, George Gaw; (Archibald, Seymour; Dickey, Hugh Leverette,) (equal)

## JUNIOR CHEMISTRY.

Brehm, Robert Almon; Thompson, Alfred; Archibald, Seymour; Archibald, Matthew George; (Dickey, Hugh Leverette; Gandier, George Gaw,) (equal); Richaur, Thomas Richard; Roué, John Frederick Lemin; (McDonald, Daniel; McKenzie, Murdoch Daniel; Shaw, Sidney Everette) (equal); McDonald, Edward; Weatherbe, Philip; Trenaman, Louis Gervaise.

## BOTANY.

Brehm, Robert Almon; (Archibald, Matthew George; Richaur, Thomas Richard,) (equal); Thompson, Alfred; Gandier, George Gaw; Dickey, Hugh Leverette; McDonald, Daniel; (McKenzie, Murdoch Daniel; McDonald, Edward; Munro, Cranswick Burton; Weatherbe, Philip,) (equal)

## HISTOLOGY.

Brehm, Robert Almon; Lange, Christian Christoph Andrew; Fraser, Alexander; McKenzie, Murdoch Daniel; (Archibald, Matthew Geo.; Munro, Cranswick Burton, (equal); (McDonald, Edward; Gandier, George Gaw; Shaw, Sidney Everette; Thompson, Alfred, (equal)

SUPPLEMENTARY, (INCLUDING EMBRYOLOGY.)—Payzant, Henry Allison; Gates, Charles Randall; Daly, James.

## SENIOR ANATOMY.

(Bentley, Robie Dugwell; Fraser, Alexander,) (equal); Bissett, Ernest Eugene; Gates, Charles Randall; Payzant, Henry Allison; Grierson, Robert; Munro, Cranswick Burton; Daly, James; Slauenwhite Stephen; McDonald, William H.; Fairbanks, Harry Gray.

## SENIOR CHEMISTRY.

Bissett, Ernest Eugene; Dorman, Oscar Chipman; (Gates, Charles Randall; McDonald, William Henry,) (equal); (Bentley, Robie Dugwell; Daly, James,) (equal); Munro, Cranswick Burton; Grierson, Robert; Payzant, Henry Allison; McDonald, Blanche, (written exam. for B.A.)

## PRACTICAL CHEMISTRY.

(Gates, Charles Randall; Grierson, Robt ) (equal); (Bentley, Robie Dugwell; Bissett, Ernest Eugene; Munro, Cranswick Burton,) (equal); Payzant, Henry Allison.

## PHYSIOLOGY.

Grierson, Robert; Munro, Cranswick Burton; Bentley, Robie Dugwell; Fraser, Alexander; McDonald, William Henry; Gates, Charles Randall; Payzant, Henry Allison; Dorman, Oscar Chipman; Bissett, Ernest Eugene.

## MATERIA MEDICA AND THERAPEUTICS.

McEwen, Henry Emanuel; (Munro, Cranswick Burton; Williamson, Samuel W.,) (equal); Ross, Alexander.

## MEDICAL JURISPRUDENCE AND HYGIENE.

McEwen, Henry Emanuel; Olding, Clara Mary; McKay, Katherine Joanna; Williamson, Samuel W.; (Moore, Ernest Fraser; Ross, Alexander,) (equal); McDonald, John Clyde; Munro, Cranswick Burton; Murray, Duncan; Murphy, George Nelson.

## SURGERY (AND OPHTHALMOLOGY, ETC.)

McDonald, John Clyde; Moore, Ernest Fraser; McKay, Katherine Joanna; Munro, Cranswick Burton; Murphy, George Nelson; Fairbanks, Harry Gray; Simpson, Henry Osmond.

## CLINICAL SURGERY.

Moore, Ernest Fraser; McDonald, John Clyde; Munro, Cranswick Burton; McKay, Katherine Joanna; Murphy, George Nelson; (Fairbanks, Harry Gray; Simpson, Henry Osmond,) (equal.)

## MEDICINE, (INCLUDING PATHOLOGY AND BACTERIOLOGY.)

McKay, Katherine Joanna; (McDonald, John Clyde; Munro, Cranswick Burton, (equal); Murphy, George Nelson; Moore, Ernest Fraser; Fairbanks, Harry Gray; Simpson, Henry Osmond.

## CLINICAL MEDICINE.

McKay, Katherine Joanna; McDonald, John Clyde; Moore, Ernest Fraser; Munro, Cranswick Burton; Murphy, George Nelson; Fairbanks, Harry Gray; Simpson, Henry Osmond.

## OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Fairbanks, Harry Gray; McDonald, John Clyde; McKay, Katherine Joanna; (Moore, Ernest Fraser; Murphy, George Nelson,) (equal); Munro, Cranswick Burton; Simpson, Henry Osmond.

## GRADUATES OF THE UNIVERSITY.

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N. B.—Degrees printed with the names have been obtained in other Universities.

Graduates are requested to notify the President of errors or omissions in the following list.

The signs and numbers prefixed in some cases to the names have the following significations :

- <sup>1</sup> Graduated with High Honours in Classics.
- <sup>2</sup> Graduated with Honours in Classics.
- <sup>3</sup> Graduated with High Honours in Latin and English.
- <sup>4</sup> Graduated with Honours in Latin and English.
- <sup>5</sup> Graduated with High Honours in Greek and English.
- <sup>6</sup> Graduated with Honours in Greek and English.
- <sup>7</sup> Graduated with High Honours in English and German.
- <sup>8</sup> Graduated with Honours in English and German.
- <sup>9</sup> Graduated with High Honours in English and English History.
- <sup>10</sup> Graduated with Honours in English and English History.
- <sup>11</sup> Graduated with High Honours in Philosophy.
- <sup>12</sup> Graduated with Honours in Philosophy.
- <sup>13</sup> Graduated with High Honours in Mathematics and Mathematical Physics.
- <sup>14</sup> Graduated with Honours in Mathematics and Mathematical Physics.
- <sup>15</sup> Graduated with High Honours in Experimental Physics and Chemistry.
- <sup>16</sup> Graduated with Honours in Experimental Physics and Chemistry.
- <sup>17</sup> Graduated with Great Distinction.
- <sup>18</sup> Graduated with Distinction.
- † Governor-General's Gold Medal.
- ‡ Governor-General's Silver Medal.
- § Sir William Young's Gold Medal.
- \* DeMill Gold Medal.
- ¶ Mackenzie Gold Medal.
- || Attained Standard qualifying for Gold Medal.
- \*\* Nominated for 1851 Exhibition Science Scholarship.
- a Sometime Munro Tutor in Mathematics.
- b Sometime Munro Tutor in Classics.

NOTE.—Previous to 1893-94 the terms First Rank Honours and Second Rank Honours were used instead of High Honours and Honours respectively, and the terms First Rank General Distinction and Second Rank General Distinction instead of Great Distinction and Distinction respectively.

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- ‡<sup>14</sup> Adams, H. S., Jesuits' College, Montreal..... B. A., 1884  
 Aitken, R. T. D., Newcastle, N. B..... B. A., 1895  
 †<sup>1</sup> Aiton, W., Sussex, N. B..... B. A., 1885  
 Allan, R. v. John M., Waterville, Kings. B. A., 1873 ; M. A., 1876  
 Allison, Edmund P., Halifax... B. A., 1889 ; LL B., 1891  
 Allison, Rev. Matthew G., St. Martins, N. B..... B. A., 1886  
 Anderson, A. H., B. A., Lunenburg, N. S..... LL B., 1893  
 Annand, Edward E., Truro, N. S..... B. A., 1893

- Annand, Rev. Joseph, *D.D.*, Santo . . . . . B.A., 1869 ; M. A., 1872  
 Archibald, Adams D., Halifax . . . . . B. A., 1895  
 Archibald, Alex. D., Valley, Col. Co. . . . . B. A., 1895  
 Archibald, Rev. F. W., *M.A., B.D., Ph.D.*, (obit.) . . . . . B. A., 1877  
<sup>17</sup>Archibald, Sara E., New Glasgow . . . . . B. A., 1892; M. A., 1894  
 Archibald, Rev. W. P., Cavendish, P.E.I. . . . . B.A., 1872 ; M. A., 1878  
 Armstrong, B. H., Halifax . . . . . LL.B., 1890  
 Armstrong, E. H., Yarmouth . . . . . LL.B., 1888  
 Arthur, Rev. George, N. W. T. . . . . B. Sc., 1893  
<sup>14</sup>Bakin, F. W. M., Digby . . . . . B. A., 1892  
 Barnstead, A. S., Halifax . . . . . B. A., 1893; LL.B., 1895  
<sup>§13</sup>Baxter, Agnes S., Cornell University . . . . . B. A., 1891 ; M. A., 1892  
 Bayne, Prof. H. A., *Ph. D., F.R.S.C.* (obit.) . . . . . B. A., 1869 ;  
 M. A., 1872.  
 Bayne, Rev. E. S., Mabou . . . . . B. A., 1871  
<sup>†2</sup>Bell, F. H., Halifax . . . . . B. A., 1876  
<sup>†2</sup>Bell, J. A., Texas . . . . . B. A., 1883  
 Bennett, A. W., Chatham, N. B. . . . . LL.B., 1885  
 Bennett, R. B., Chatham, N. B. . . . . LL.B., 1893  
 Bent, Tillie A., Farmingham, N. S. . . . . B. A., 1895  
 Bethune, J. L., *M. P. P.*, Baddeck, C. B. . . . . M. D., C. M., 1875  
<sup>18</sup>Bigelow, H. V., Truro . . . . . B. A., 1894  
 Bill, E. M., *B. A.*, Shelburne . . . . . LL.B., 1892  
 Blackadar, H. S., *B. A.*, Halifax . . . . . LL.B., 1892  
 Blanchard, C. W., Truro . . . . . B. A., 1880  
 Boak, H. W. C., Halifax . . . . . LL.B., 1885  
 Borden, H. C., Canning . . . . . LL.B., 1894  
 Bowser, William J., Vancouver, B. C. . . . . LL.B., 1890  
<sup>†2</sup>Brehaut, E., Murray Harbor, P. E. I. . . . . B. A., 1894  
<sup>1</sup>Brehaut, J. W., Westerly, Rhode Island . . . . . B. A., 1891  
<sup>12</sup>Brown, E. N., Lower Newcastle, N. B. . . . . B. A., 1889  
 Brown, H. W., *B. A.*, Wolfville . . . . . LL.B., 1893  
 Bruce, Rev. W. T., *M. D.*, Church Point, N. B. . . . . B. A., 1872  
 Bryden, Rev. C. W., Selkirk . . . . . B. A., 1873  
<sup>12</sup>Buchanan, James Jost, Sydney, C. B. . . . . B. A., 1878  
 Burgess, Rev. J. C., Danville, Cal., U. S. . . . . B. A., 1867  
<sup>14</sup>Burkitt, Robt. J., Athenry, Ireland . . . . . B. A., 1889 ; M. A., 1890  
 Burns, C. S., Halifax . . . . . LL.B., 1894  
 Byers, D. W., New Annan, Col. Co. . . . . M. D., C. M., 1893  
 Cahan, Charles H., Halifax . . . . . B.A., 1886 ; LL.B., 1890  
 Cairns, Rev. J. A., *M.A.*, Upper Musquodoboit . . . . . B. A., 1878  
 Calder, Fred., Port Hood, C. B. . . . . LL.B., 1892  
 Calder, Rev. John, West Bay, C. B. . . . . B. A., 1886  
 Calkin, W. S., Truro, N. S. . . . . B. A., 1887  
 Cameron, A. G., Newton, Guysborough Co. . . . . B. Sc., 1882  
<sup>10</sup>Cameron, C. S., Amherst . . . . . B. A., 1879  
 Cameron, D. A., Sydney, C. B. . . . . LL.B., 1893  
<sup>†</sup>Cameron, Rev. J. H., Bass River, N. B. . . . . B. A., 1878



- Cameron, Rev. J. J., Shakespeare, Ont. . . . . B.A., 1867 ; M. A., 1871  
 Cameron, William, Merigomish . . . . . B. A., 1873  
 Campbell, Alexander, Sydney, C. B. . . . . LL.B., 1889  
 Campbell, Alexander J., Truro . . . . . B. A., 1886 ; LL.B., 1889  
 Campbell, D. A., Halifax, N. S. . . . . M.D., C.M., 1875  
 Campbell, D. F., East River, St. Mary's . . . . . B. A., 1890  
 Campbell, George G., *M.D.*, Truro . . . . . B. Sc., 1885  
 α§<sup>14</sup>Campbell, George M., *M.D.*, Halifax, N. S. . . . . B. A., 1882  
 Campbell, J. R., Jr., St. John, N. B. . . . . LL.B., 1888  
 Campbell, R. S., Tatamagouche . . . . . B. A., 1892  
 Campbell, William R., Truro . . . . . B.A., 1887 ; M. A., 1895  
 Carmichael, J. M., New Glasgow, N. S. . . . . B. A., 1872  
 Carr, Rev. A. F., Campbelton, N. B. . . . . B.A., 1868 ; M. A., 1871  
 Carson, Rev. G. S., Pictou, N. S. . . . . B. A., 1882  
 Carter, Titus James, Andover, N. B. . . . . LL.B., 1887  
 Carter, William D., Richibucto, N. B. . . . . LL.B., 1885  
 Casey, C. E., *B.A.*, Amherst, N. S. . . . . LL.B., 1892  
 Chambers, F. B., Truro . . . . . B. A., 1879  
 Chambers, R. E., Truro . . . . . B. A., 1877  
 Chapman, Rev. A. E., Salisbury, N. B. . . . . B. A., 1890  
 Chase, Rev. J. H., Onslow . . . . . B.A., 1866 ; M. A., 1869  
 Chisholm, Donald, Antigonish . . . . . M.D., C. M., 1874  
 Chisholm, Joseph A., Halifax . . . . . LL.B., 1886  
 Christie, Rev. T. M., (obit.) . . . . . B. A., 1868  
 Clarke, Daniel McD., Chipman, N. B. . . . . B. A., 1888  
 Cluney, Andrew, Halifax . . . . . LL.B., 1887  
 Coady, Patrick J. F., Margaree, C. B. . . . . M.D., C. M., 1893  
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 Coffin, Rev. F. S., *M.A.*, Mount Stewart, P. E. I. . . . . B. A., 1885  
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 Cogswell, G. A., Cornell University . . . . . B. A., 1890  
 Cogswell, W. F., Victoria Hospital, Halifax . . . . . M. D., C. M., 1894  
 Congdon, F. H., Halifax . . . . . LL.B., 1891  
 Congdon, Fred. T., *B.A.*, *LL.B.* (Toronto), Halifax, *ad eundem gradum* . . . . . LL.B., 1889  
<sup>2</sup>Coops, Frank H., Academy, New Glasgow . . . . . B. A., 1887  
 Copp, A. B., Jolicure . . . . . LL.B., 1894  
 Corbett, J. E., Truro . . . . . LL.B., 1892  
 Costley, Alfred, Halifax . . . . . B. A., 1881  
 Cox, George H., Shelburne . . . . . B. A., 1891  
 Cox, Robinson, Stewiacke . . . . . M. D., C. M., 1875  
 Crawford, J. A., Cardigan, P. E. I. . . . . B. A., 1894  
 Creelman, Rev. D. F., (obit.) . . . . . B. A., 1873 ; M. A., 1880  
 †<sup>14</sup>Creelman, H. G., *B.Sc.*, Upper Stewiacke, N. S. . . . . B. A., 1881  
 Creighton, J. G. A., Ottawa . . . . . B. A., 1868  
 Creighton, H. S., Dartmouth . . . . . B. A., 1880  
 ‡<sup>11</sup>Creighton, Jas. E., Assoc. Prof. of Phil., Cornell Univ. B. A., 1887  
 Crowe, R. W., *B.A.*, Halifax . . . . . LL.B., 1894

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 +<sup>10</sup>Crowell, Rev. Edwin, Canning, N. S. . . . B. A., 1880; M. A., 1891  
 Cruikshank, Rev. W., *B. D.*, Montreal. . . . . B. A., 1872  
 Cummings, Selden W., *B. A.*, Truro, N. S. . . . . LL.B., 1889  
 Currier, F. A., Up. Gagetown, N. B. . . . . B. A., 1895  
 Davidson, J. F., Pinos Altos, Grant Co., New Mexico. B. A., 1882  
 Davison, James McG., Halifax. . . . . B. A., 1889; LL.B., 1891  
 Dechman, A. A., Up. Musquodoboit. . . . . M. D., C. M., 1894  
 DeWolfe, G. H. H., (obit.) . . . . . M. D., C. M., 1872  
 Dickie, Alfred, Upper Stewiacke. . . . . B. A., 1879; M. A., 1883  
 Dickie, Rev. Henry, Windsor. . . . . B. A., 1883  
 Dill, Rev. E. M., *B. D.*, Parrsboro . . . . . B. A., 1884  
 Dockrill, G. O. M., New Westminster, B. C. . . . . LL.B., 1893  
 Douglas, Ernest A., Maitland. . . . . B. A., 1893  
 Doull, W. S., Halifax . . . . . B. A., 1874; LL.B., 1885  
 Doyle, Matthew N., Halifax . . . . . LL.B., 1892  
 Drysdale, G. N., Seattle, Washington Ter. . . . M. D., C. M., 1892  
 |<sup>11</sup>Duchemin, H. P., Charlottetown, P. E. I. . . . . B. A., 1895  
 Duff, Kenneth, Lunenburg . . . . . B. A., 1873  
 Emmerson, R. R. J. (obit.) . . . . . B. A., 1879  
 Fairbanks, H. G., Springhill . . . . . M. D., C. M., 1895  
 Fairweather, F. L., Sussex, N. B. . . . . LL.B., 1890  
 Fairweather, Stewart L., St. John . . . . . LL.B., 1891  
 Finlayson, Duncan, Grand River, C. B. . . . . B. A., 1893; LL.B., 1895  
 Fisher, Rev. J. M., Stewiacke . . . . . B. A., 1890  
 |<sup>12</sup>Fitzpatrick, H. H. K., *LL.B.*, Stellarton, B. A., 1885; M. A., 1888  
 Fitzpatrick, Rev. James, Saltsprings. . . . . B. A., 1875  
 Forbes, Antoinette, Academy, Yarmouth. . . . . B. A., 1887  
 Forbes, E. W., Dartmouth, N. S. . . . . B. A., 1893  
 Forrest, James (obit.) . . . . . B. A., 1868; M. A., 1872  
 Forrest, W. D., Halifax . . . . . B. Sc., 1895  
 Forsythe, George O., *B. A.*, Port Hawkesbury, C. B. . . LL.B., 1889  
 Foster, A. H., Pictou Landing. . . . . B. A., 1895  
 Frame, D. A., Shubenacadie. . . . . B. A., 1895  
 Frame, J. F., Halifax. . . . . LL.B., 1890  
 |<sup>11</sup>Fraser, Alex., West River, Pictou Co., N. S. . . . . B. A., 1889  
 Fraser, A. H. R., Cornell Univ. . . . . LL.B., 1892  
 Fraser, A. L., Blue Mountain. . . . . B. A., 1895  
 Fraser, Rev. Donald, Hampton, N. B. . . . . B. A., 1897  
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 Fraser, Hon. D. C., *M. P.*, New Glasgow . . . . . B. A., 1872  
 Fraser, Rev. D. S., Springside, Col. Co. . . . . B. A., 1874  
 Fraser, H. M., (obit.) . . . . . B. A., 1894  
 Fraser, J. G., New Glasgow. . . . . B. L., 1892  
 Fraser, Rev. John K. G., Alberton, P. E. I. . . . . B. A., 1889  
 †Fraser, Rev. W. M., Halifax. . . . . B. Sc., 1880; B. A., 1883  
 Fraser, W. R., Wright High Sch., Baltimore, Md. . . . B. A., 1882  
 Frazee, Victor G., Halifax. . . . . B. A., 1889

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 Fulton, Eben, (obit.) . . . . . B. A., 1890  
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 Fulton, E. M., Cornell University, Ithaca, N. Y. . . . . LL.B., 1892  
 Fulton, G. H., *M. D., C. M.* . . . . . B. A., 1876  
 Fulton, J. A., Lower Stewiacke . . . . . LL.B., 1893  
 Fulton, W. H., Halifax . . . . . B. A., 1888; LL.B., 1892  
 \*<sup>9</sup>Gammell, Isaac, Montreal . . . . . B. A., 1885  
 †George, Rev. J. L., *M. A.*, Belleville, Ont. . . . . B. A., 1878  
 Gilpin, E., Jr., *A. M., F. G. S., F. R. S. C.*, Inspector of Mines,  
 Halifax . . . . . (*honoris causâ*) LL.D., 1892  
 Giroir, E. L., *B. A.*, Big Tracadie . . . . . LL.B., 1895  
 Goodwin, Emily M., St. John, N. B. . . . . B. A., 1891  
 Graham, R. B., Brookfield . . . . . LL.B., 1893  
 Graham, R. H., New Glasgow, N. S. . . . . B. A., 1892; LL.B., 1894  
 Grant, D. K., Halifax, . . . . . B. A., 1888; M. A., 1891; LL.B., 1895  
 Grant, Very Rev. G. M., *D. D., F. R. S. C.*, Principal Queen's  
 College, Kingston, Ontario . . . . . (*honoris causâ*) LL.D., 1892  
 Grant, M. D., Hopewell, N. S. . . . . B. A., 1894  
 Graut, M. F., Cow Bay, C. B. . . . . B. A., 1894; M. A., 1895  
 Grant, R. J., Sunnybrae, N. S. . . . . B. A., 1894; M. A., 1895  
 Graut, William, North Sydney, C. B. . . . . M. D., C. M., 1892  
 Grant, W. R. (obit.) . . . . . B. A., 1877  
 Gratz, H. G., Sunbury Co., N. B. . . . . B. A., 1892  
 Gray, W. S., Hopewell, N. S. . . . . B. A., 1894  
 Gregory, C. E., Antigonish . . . . . LL.B., 1888  
 Grierson, John A., Weymouth Bridge . . . . . B. A., 1891; LL.B., 1893  
 Grierson, Robert, Halifax . . . . . B. A., 1890  
 Gunn, Rev. Adam, Cardigan, P. E. I. . . . . B. A., 1872  
 Gunn, A. D., E. River, St. Mary's . . . . . B. L., 1895  
 Hamilton, Annie I., Halifax. . . . . M. D., C. M., 1894  
 Hamilton, C. A., New Germany . . . . . M. D., C. M., 1891  
 Hamilton, C. F., *B. A.* (obit.) . . . . . LL.B., 1890  
 Hamilton, H. H., Pictou . . . . . B. A., 1877  
 Hanright, Fred. W., *B. A.*, Halifax . . . . . LL.B., 1887  
 \*<sup>9</sup>Harrington, Emily B., Halifax . . . . . B. A., 1892; M. A., 1894  
 Harvey, Rev. McLeod, Moser River . . . . . B. A., 1889  
 Hebb, Bertha B., Maitland . . . . . B. A., 1894  
 Henry, Joseph K., Shubenacadie . . . . . B. A., 1889  
 Henry, W. A., Halifax . . . . . LL.B., 1886  
 \*<sup>17</sup>Hepburn, W. M., Pictou . . . . . B. A., 1895  
 Herdman, A. W., Pictou . . . . . B. A., 1877  
 \*<sup>2</sup>Herdman, Rev. J. C., *B. D.*, Calgary . . . . . B. A., 1874; M. A., 1878  
 Herdman, W. C., Pictou . . . . . B. A., 1874; M. A., 1881  
 Hewson, E. H., *B. A.*, Oxford, N. S. . . . . LL.B., 1894  
 †<sup>11</sup>Hill, A. R., Cornell University, Ithaca, N. Y. . . . . B. A., 1892  
 Hill, W. A. G., Sydney, C. B. . . . . LL.B., 1894  
 Hiltz, C. W. (obit.) . . . . . M. D., C. M., 1872

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 Howatt, Cornelius A., Alberton, P. E. I. . . . . B. A., 1893  
 Howay, F. W., New Westminster, B. B. . . . . LL. B., 1890  
 Huggins, W. H., St. John, N. B. . . . . LL. B., 1890  
<sup>†</sup>Hugh, David D., Cornell University, Ithaca, N. Y. . . . . B. A., 1891  
 Hunter, John, California. . . . . B. A., 1873  
 Irving, R. A., Boutouche . . . . . LL. B., 1894  
 Irwin, Archer, Halifax . . . . . M. D., C. M., 1892  
 Ives, W. B., Pictou . . . . . LL. B., 1885  
 Jamieson, Harriet J., Halifax . . . . . B. A., 1894; M. A., 1895  
 Jennison, Hedley V., New Glasgow . . . . . LL. B., 1886  
 Johnson, E. W., Upper Stewiacke . . . . . B. A., 1894  
<sup>11</sup>Johnson, George F., Upper Stewiacke. . . . . B. A., 1892  
 Johnson, Rev. G. M. (obit.) . . . . . B. A., 1888  
 Johnson, Isaac W., Tatamagouche . . . . . M. D., C. M., 1891  
 Johnson, J. B., Loch Broom, N. S. . . . . B. A., 1892  
 Johnstone, L. M., Halifax, N. S. . . . . LL. B., 1892  
 Jones, Frank, Digby . . . . . B. A., 1894  
 Jones, H. T., Halifax . . . . . LL. B., 1888  
<sup>12</sup>Jordan, Elijah J., Murray Harbor, P. E. I. . . . . B. A., 1891  
<sup>§</sup>Jordan, E. E., Bridgetown . . . . . B. A., 1895  
<sup>†</sup>Jordan, Rev. L. H., B. D., Toronto. . . . . B. A., 1875; M. A., 1878  
 Keebler, Ralph T., Bridgewater . . . . . B. A., 1892; LL. B., 1895  
 Kennedy, James S., Port Philip, N. S. . . . . B. A., 1891  
 Kenny, J. B., Halifax . . . . . LL. B., 1893  
 Kent, H. V., Truro, N. S. . . . . M. D., C. M., 1890.  
 King, H. W. DeW., Windsor . . . . . LL. B., 1895  
 Kinsman, F. S., M. D., Centreville. . . . . B. A., 1880  
 Knowles, J. H., M. D., New Bedford, Mass. . . . . B. A., 1882  
 Laird, Rev. Alex., Port Hope, Ont. . . . . B. A., 1890  
<sup>†</sup>Laird, A. G., *Ph. D.*, Instructor in Greek, Cornell University,  
 Ithaca, New York . . . . . B. A., 1889  
 Laird, G. A., Manitoba . . . . . B. A., 1877  
 Landells, R., Cedar Hill, B. C. . . . . B. A., 1882  
 Lane, C. W., Lunenburg, N. S. . . . . LL. B., 1887  
<sup>18</sup>Lange, C. C. A., Halifax. . . . . B. Sc., 1895  
<sup>†</sup><sup>12</sup>Langille, R. M., LL. B., New Glasgow. B. A., 1885; M. A., 1888  
<sup>14</sup>Lawson, Thos., Waterville, N. S. . . . . B. A., 1895  
 Layton, J. S., Elmsdale . . . . . B. A., 1895  
 LeNoir, M. U., Halifax . . . . . LL. B., 1885  
 Lewis, Rev. Abner W., B. D., N. W. T. . . . . B. A., 1886  
<sup>18</sup>Lewis, E. W., Prin'pal High Sch., Campbellton, N. B. B. A., 1890  
 Lindsay, A. W. H., M. B. C. M., Halifax . . . . . B. A., 1870;  
 M. D., C. M., 1875.  
 Lippincott, Aubrey, M. D., Pittsburg, Pa. . . . . B. A., 1867  
 Locke, R. T., Lockeport. . . . . B. A., 1885  
 Logan, H. J., Amherst. . . . . LL. B., 1891  
<sup>11</sup>Logan, J. D., Harvard Univ. . . . . B. A., 1893; M. A., 1894

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 Logan, Melville, Halifax... .. B. A., 1873  
 Logan, Rev. Richmond, Santa Monica, Cal. B. A., 1877; M. A., 1880  
 Lovett, Henry A., B. A., Truro, N. S. .... LL. B., 1889  
 Lovett, L. A., Kentville..... LL. B., 1895  
 Lyons, William A., Halifax, N. S. .... LL. B., 1887  
 McArthur, Rev. S. J., Sherbrooke .... B. A., 1893; M. A., 1894  
 McAulay, M. W., Grand River, C. B. .... M. D., C. M., 1893  
 McBride, Richard, New Westminster, B. C. .... LL. B., 1890  
 McCharles, R. W., Winnipeg, Man. .... M. D., C. M., 1892  
 McColl, A., New Glasgow, N. S. .... B. Sc., 1883  
 McCoy, W. B., B. A., Halifax..... LL. B., 1893  
 McCreedy, Charles A., Moncton, N. B. .... LL. B., 1888  
 McCully, Frank A., B. A., Sussex, N. B. .... LL. B., 1887  
 McCurdy, Rev. J. F., P. E. Island .... B. A., 1891  
 McCurdy, S. T., New Glasgow .... B. A., 1877  
 McDonald, A. D., Charlottetown, P. E. I. .... B. L., 1894  
 McDonald, A. F., Hopewell, N. S. .... B. A., 1892; LL. B., 1894  
 McDonald, A. J., B. A., Sydney, C. B. .... LL. B., 1891  
 McDonald, Rev. A. J., Malagawatch, C. B. .... B. A., 1892  
<sup>14</sup>Macdonald, Blanche, Hopewell..... B. A., 1895  
 Macdonald, C. D., Halifax, N. S. .... B. A., 1873; M. A., 1895  
 McDonald, Rev. Donald, B. D., Strathlorne, C. B. ... B. A., 1884  
 Macdonald, Ed. M., Pictou..... LL. B., 1887  
 McDonald, Ida Grace..... B. A., 1893  
 McDonald, Joseph, North Sydney, C. B. .... LL. B., 1891  
<sup>14</sup>McDonald, J. A., Halifax ..... B. A., 1883; LL. B., 1886  
 McDonald, J. C., Riverside, Hants ..... M. D., C. M., 1895  
 McDonald, J. H. (obit.) ..... B. A., 1867; M. A., 1870  
 McDonald, L. X., Sydney, C. B. .... LL. B., 1892  
 Macdonald, P. M., Pictou..... B. A., 1894; M. A., 1895  
 McDonald, Robert J., Hopewell, N. S. .... B. A., 1889  
 McDonald, William, Truro ..... B. A., 1888; LL. B., 1890  
 McDonald, W. M., Halifax..... B. A., 1881  
 McDowell, Isaac (obit.)..... B. A., 1876  
 McGlashen, Rev. J. A., Reserve Mines ..... B. A., 1891  
 McGeorge, Thomas (obit) ..... M. D., C. M., 1893  
 McGregor, Rev. Daniel, Amherst ..... B. A., 1874  
 MacGregor, Prof. J. G., *D. Sc., F. R. SS. E. & C.*, Hfx. B. A., 1871  
 M. A., 1874.  
<sup>14</sup>McGregor, T. S., Little Bras d'Or ..... B. A., 1883  
 MacIlreith, R., Halifax..... LL. B., 1895  
 McInnes, Hector, Halifax..... LL. B., 1888  
 McIntosh, C. D., Sunnybrae..... B. A., 1895  
 McIntosh, D. C., Springville, N. S. .... B. A., 1890  
<sup>18</sup>McIntosh, D. S., Port Hood, C. B. .... B. A., 1892  
<sup>11</sup>Macintosh, J., Malagawatch, C. B. .... B. A., 1894  
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- McKay, Adams A., *B. A.*, Halifax.....LL.B., 1888
- <sup>14</sup>Mackay, A. H., *B. Sc.*, *F. R. S. C.*, Supt. of Education, Halifax,  
B. A., 1873.....(*honoris causâ*.) LL.D., 1892
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- McKay, D. McG., Jefferson Med. Coll.....B. A., 1893
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- <sup>¶15</sup>McKay, Ebenezer, Johns Hopkins' Univ., Baltimore..B. A., 1886
- <sup>14</sup>McKay, H. M., *B. A. Sc*.....B. A., 1888
- Mackay, J. D., Earltown.....B. A., 1894; M. A., 1895
- McKay, Katherine J., Plainfield, N. S.....M. D. C. M., 1895
- Mackay, Rev. Kenneth, Richmond, N. B.....B. A., 1868
- McKay, M. S., Cariboo River, N. S.....B. A., 1892
- <sup>†15</sup>McKay, Neil F., Regina, N. W. T.....B. A., 1886
- <sup>15</sup>McKay, Thomas C., Parrsboro'.....B. A., 1893
- McKay, W. P., Truro.....B. L., 1895
- McKeen, G. W., Baddeck, C. B.....B. Sc., 1892
- McKeen, Rev. J. A., Orono, Ontario.....B. A., 1873
- <sup>α§14</sup>McKenzie, A. S., *Ph. D.*, Prof. of Physics, Bryn Mawr..B. A., 1885
- McKenzie, Ellen M., Stellarton, N. S..B. A., 1894; M. A., 1895
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- McKinnon, D. A., Georgetown, P. E. I.....LL.B., 1887
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- <sup>2</sup>McLean, I. M., *M. D.*.....B. A., 1879
- McLean, Rev. J. A., Harvey, N. B.....B. A., 1876
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- \*McLennan, Rev. J. W., *B. D.*.....B. A., 1883; M. A., 1887
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- McLeod, Rev. A. W., *Ph. D.*, Thorburn..B. A., 1875; M. A., 1878
- <sup>12</sup>McLeod, Ambrose W. (obit).....B. A., 1888
- McLeod, Rev. Donald, Priceville, Ontario.....B. A., 1874
- <sup>†6</sup>McLeod, F. J., Harvard Univ.....B. A., 1890
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- McLeod, J. M., *M. A.*, Valleyfield, P. E. I.....B. A., 1885
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- McLeod, Rev. J. W. (obit.).....B. A., 1876; M. A., 1880
- <sup>§13</sup>McLeod, Malcolm J., Belfast, P. E. I.....B. A., 1887
- McMillan, C. E., Academy, Port Howkesbury.....B. A., 1891
- McMillan, Finlay, Sheet Harbor, N. S.....M. D., C. M., 1872

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 †McMillan, Rev. G. W., Malpeque, P. E. I. . . . . B. A., 1875  
 McNairn, W. W., Buctouche, N. B. . . . . B. A., 1895  
 McNaughton, Elizabeth Sheffield, St. John, N. B. . . . B. A., 1891  
 McNaughton, Rev. Saml., Preston, G. B., B. A., 1867; M. A., 1870  
 McNeill, Alex., B. A., Halifax, N. S. . . . . LL. B., 1891  
 McNeill, Albert H., Vancouver, B. C. . . . . LL. B., 1889  
<sup>9</sup>McNeill, Charlotte M. (Mrs. H. McInnes) . . . . . B. A., 1887  
 McNeil, Roderick, St. Catherine's, P. E. I. . . . . B. A., 1892  
 McPhee, D. L., North Sydney, C. B. . . . . LL. B., 1890  
 McPhee, Margaret J., So. River, Antigonish . . . . . B. A., 1894  
<sup>12</sup>McRae, A. O., Academy, Pictou, N. S. . . . . B. A., 1893  
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 McRae, William (obit) . . . . . M. D., C. M., 1872  
 Magee, Edgar A., Vancouver, B. C. . . . . LL. B., 1888  
 Magee, W. H., Academy, New Glasgow . . . . . B. A., 1891  
 March, S. E., Bridgewater, N. S. . . . . LL. B., 1893  
 Martin, Albert J. D., Valleyfield, P. E. I. . . . . B. A., 1893  
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 Mason, Rev. W. A., Georgetown, P. E. I. . . . . B. A., 1887  
 Mathers, F. F., Halifax . . . . . LL. B., 1892  
 Matheson, Rev. J. A., B. D., Davisburg, N. W. T. . . . B. A., 1888  
 Mellish, Humphrey, Halifax . . . . . B. A., 1882; LL. B., 1890  
 Meyer, E. J., Halifax . . . . . M. D., C. M., 1893  
 Millar, Rev. E. D., Yarmouth, N. S. . . . . B. A., 1869  
 Millar, George . . . . . B. A., 1890  
 Miller, J. J., Halifax . . . . . B. Sc., 1885  
 Milligan, G. S., St. John, N. B. . . . . B. A., 1894  
 Milliken, A. E., Moncton, N. B. . . . . LL. B., 1886  
 Montgomery, John, St. John, N. B. . . . B. L., 1891; LL. B., 1893  
 Mooney, P. C. C. (obit) . . . . . LL. B., 1885  
<sup>18</sup>Moore, C. L., Academy, Pictou, N. S. . . . . B. A., 1891  
 Moore, E. F., B. A., Halifax . . . . . LL. B., 1895  
 Morash, Rev. A. V., Upper Caledonia . . . . . B. A., 1891  
 Morine, A. B., St. John's, Newfoundland . . . . . LL. B., 1892  
 Morris, C. H., Windsor . . . . . B. A., 1895  
 Morrison, Aulay, New Westminster, B. C. . . . . LL. B., 1888  
<sup>α§</sup><sup>18</sup>Morrison, A. M., Chicago Univ. . . . . B. A., 1888  
 Morrow, Arthur, M. B., C. M. (*Edin.*); *ad eundem gradum*,  
 M. D., C. M., 1893.  
 Morse, C., Ottawa . . . . . LL. B., 1885  
 Morton, Joseph S., M. D., Shelburne . . . . . B. A., 1876  
 Morton, R. F., Milton, Queens Co. . . . . B. A., 1895  
<sup>§</sup><sup>18</sup>Morton, Silvanus A., Halifax Academy . . . B. A., 1886; M. A., 1894  
 Muir, Ethel, Cornell Univ. . . . . B. L., 1891; M. L., 1893  
 Muir, W. S., L. R. C. P. & S., *Edin.*, Truro. M. D., C. M., 1875  
 Munro, Rev. Christopher, Oxford, N. S. . . . . B. A., 1891  
 Munro, C. B., River John . . . . . M. D., C. M., 1895

- Munro, G. W., 17-27 Vandewater Street, New York..B. A., 1878  
 Munro, H. H., Yarmouth.....LL.B., 1893  
 Munro, Rev. J. R., Antigonish .....B. A., 1876  
 Murphy, G. N., *M. D.*, Windsor .....M. D., C. M., 1895  
 a§<sup>18</sup>Murray, D. A., *Ph. D.*, Cornell Univ.....B. A., 1884  
 Murray, J. S. (obit) .....B. A., 1887  
<sup>11</sup>Murray, Lucy C., Halifax .....B. A., 1893  
 Murray, R. G., St. John, N. B .....LL.B., 1892  
 Murray, R. H., Halifax .....B. A., 1894  
 Murray, Prof. W. C., Dal. Col., *M. A. (Edin); ad eundem gradum*,  
 .....M. A., 1893  
 Newcombe, E. L., *LL. B.*, Deputy Minister of Justice, Ottawa,  
 B. A., 1878 .....M. A., 1881  
<sup>10</sup>Newcombe, Margaret F. (Mrs. J. S. Trueman), Ladies' College,  
 Halifax .....B. A., 1885  
<sup>14</sup>Nicholson, Alfred, *M. A.*, Southport, P. E. I.....B. A., 1886  
 Notting, Thomas, Halifax.....LL.B., 1890  
 O'Brien, Robert F., Noel, Hants Co.....B. Sc., 1893  
<sup>18</sup>Oliver, A. C. L., Digby ... ..B. A., 1891  
 Outhit, J. F., Melvern Square, N. S.....LL.B., 1895  
 Oxley, C. H., *B. A.*, Oxford, N. S. ....LL.B., 1890  
<sup>12</sup>Oxley, J. M., *LL. B.*, Montreal. ....B. A., 1874  
 Paton, Vincent J., Bridgewater, N. S. .B. A., 1889; LL.B., 1891  
 Patterson, George G., New Glasgow...B. A., 1882; M. A., 1887;  
 LL. B., 1889.  
 Payzant, John A., *B. A.*, Halifax .....LL.B., 1893  
 Payzant, W. L., *B. A.*, Halifax .....LL.B., 1894  
 Pitblado, Colin, *M. D.*, *C. M.* (obit.) .....B. A., 1877  
 Polley, Rev. J. F., Lower Musquodoboit .....E. A., 1895  
 Pollock, A. W. (obit.) .....B. A., 1872  
 Puddington, H. F., St. John, N. B.....LL.B., 1893  
 Putnam, Harold, Truro, N. S.....B. A., 1893  
 Putnam, Rev. Homer, Hopewell .....B. A., 1889  
 Putnam, J. F., Maitland .....B. A., 1894  
 Putnam, William G., *M. B. C. M.*, Yarmouth.....B. A., 1887  
 Rattee, Rev. E. J., Noel .....B. A., 1890  
 §<sup>18</sup>Reid, A. G., *M. B.*, *C. M.*, England .....B. Sc., 1883  
 Rice, F. E., Digby .....M. D., C. M., 1893  
<sup>11</sup>Ritchie, Eliza, *Ph D.*, Asso.-Prof. of Philosophy, Wellesley Coll.,  
 .....B. L., 1887  
 Robert, Cassimir, Arichat, C. B.....M. D., C. M., 1875  
 Roberts, J. A., Bridgewater, N. S.....LL.B., 1890  
 Robertson, H. McN., Barrington, N. S .....LL.B., 1886  
 Robertson, S. G., *B. A.*, New Glasgow .....LL.B., 1894  
 Robertson, S. N., North Bedeque, P. E. I.....B. A., 1892  
 Robertson, T. R., Kentville .....B. A., 1888; LL.B., 1890  
 §<sup>11</sup>Robins, E. P., Bedeque, P. E. I.....B. A., 1895



- <sup>†</sup>1Robinson, Alexander, Vancouver, B. C. . . . . B. A., 1886  
<sup>17</sup>Robinson, C. B., Kentville . . . . . B. A., 1891  
 Robinson, D. M., Sussex, N. B. . . . . B. A., 1893  
<sup>14</sup>Robinson, G. E., Vancouver, B. C. . . . . B. A., 1885  
 Robinson, Rev. J. M., Moncton . . . . . B. A., 1873  
 Rogers, Rev. Anderson, New Glasgow . . . . . B. A., 1878  
 Rogers, H. W., Amherst . . . . . LL.B., 1887  
 Ross, Alexander, Dalhousie, N. B. . . . . B. A., 1867  
 Ross, Henry T., Bridgewater . . . . . LL.B., 1890  
<sup>18</sup>Ross, George E., Newport, N. S. . . . . B. A., 1893  
<sup>6</sup>Ross, Hedley, D. V., Stanley Bridge. . . B. A., 1893; M. A., 1895  
<sup>17</sup>Ross, Jennie W., N. Bedeque, P. E. I. . . . . B. A., 1895  
<sup>18</sup>Ross, Mary S., N. Bedeque, P. E. I. . . . . B. A., 1894  
 Ross, Rev. William, Prince William, N. B. . . . . B. A., 1873  
<sup>14</sup>Rowlings, G. A. R., Halifax . . . . . B. A., 1890; LL.B., 1893  
 Ruggles, N. C., Lunenburg . . . . . LL.B., 1891  
 Russell, Rev. A. G., Oyster Bay, L. I., N. Y. . . . . B. A., 1871  
 Russell, Frank W., Dartmouth . . . . . LL. B., 1893  
 Russell, Joseph A., Vancouver, B. C. . . . . LL. B., 1887  
 Sangster, H. W., B. A., Windsor . . . . . LL.B., 1892  
<sup>17</sup>Schurman, G. W., New York . . . . . B. A., 1890; LL. B., 1892  
 Scott, Rev. Ephraim, Montreal. . . . . B. A., 1872; M. A., 1875  
 Scott, Rev. Prof. H. McD., B. D., Chicago. . . . . B. A., 1870  
 Scott, J. McD., (obit.) . . . . . B. A., 1877  
 Sedgewick, J. A., Halifax. . . . . B. A., 1881; LL. B., 1885  
 Sedgewick, Robert, Judge Sup. Court of Canada. . . B. A., 1867; . . . . . (*honoris causâ*) LL.D., 189  
 Shaw, A. E., B. A., Windsor . . . . . LL.B., 1891  
 Shaw, G. S., St. John, N. B. . . . . LL.B., 1895  
<sup>10</sup>Shaw, Henry C., Stanhope, P. E. I. . . . . B. A., 1887  
<sup>†</sup>1Shaw, James C., M. A., Vancouver, B. C. . . . . B. A., 1887  
 Shaw, Robert (obit.) . . . . . B. A., 1866  
<sup>9</sup>Simpson, F. S., Harvard Univ. . . . . B. A., 1894  
 Simpson, H. O., Dartmouth. . . . . M. D., C. M., 1895  
 Simpson, Rev. Isaac S., New York State, U. S. A. . . B. A., 1868  
 Sinclair, J. A., St. John, N. B. . . . . LL.B., 1890  
 Smith, Alex., Antigonish . . . . . B. A., 1895  
 Smith, B. S., St. John. . . . . LL. B., 1892  
 Smith, Rev. D. H., Truro. . . . . B. A., 1867; M. A., 1871  
 Smith, Rev. Edwin, Middle Mnsquodoboit . . . . . B. A., 1867  
 Smith, E. B., Truro. . . . . B. A., 1890  
 Smith, Rev. H. McN. . . . . B. Sc., 1884  
<sup>10</sup>Smith, Rev. James F., (obit.) . . . . . B. A., 1886; M. A., 1890  
 Smith, W. H., New Glasgow . . . . . B. A., 1894  
 Smithers, Rev. Allan, Waterford, N. B. . . . . B. A., 1889  
<sup>10</sup>Soloan, D. M., Principal New Glasgow High School. . B. A., 1888  
 Spencer, Rev. W. H., Montague, P. E. I. . . . . B. A., 1881  
 Stairs, H. B., Halifax . . . . . B. A., 1891; LL. B., 1893

- Stevens, D. J., Halifax.....LL.B., 1890  
 Stewart, Alexander F., Pictou.....B. A., 1887  
<sup>14</sup>Stewart, Anne A., Pictou.....B. Sc., 1886  
<sup>13</sup>Stewart, Dougall, *M. D.*, Bridgewater.....B. A., 1886  
 Stewart, F. I., Academy, Sydney.....B. A., 1889  
<sup>†14</sup>Stewart, James McG., Pictou.....B. A., 1876  
 Stewart, Rev. Thomas, *B. D.*, Dartmouth.....B. A., 1882  
 Stirling, John, Clifton, P. E. I.....B. A., 1895  
 Stramberg, H. M., New Westminster, B. C.....B. A., 1875  
 Strathie, R. G., Harbor Grace, Nfld.....B. A., 1895  
 Sutherland, Rev. J. M., Virden, Man.....B. A., 1869  
<sup>†9</sup>Sutherland, Rev. J. S., Sussex, N. B.....B. A., 1888  
 Sutherland Roderick (obit.).....M. D., C. M., 1872  
 Tattrie, G. P., River John, N. S.....B. A., 1894  
 Taylor, W. B. (obit.).....B. A., 1884  
<sup>10</sup>Thompson, Rev. A. W., *M. A.*, Couva, Trinidad, W. I. B. A., 1885  
 Thompson, F. W., Merigomish.....B. A., 1891  
 Thompson, Hon. Sir J. S. D., *K. C. M. G.*, *P. C.* (obit.),  
 .....(*honoris causa*) LL.D., 1892  
 Thompson, Stanley R.....LL.B., 1886  
 Thompson, W. E., Halifax.....LL.B., 1893  
 Thompson, Willard S., New Glasgow.....B. A., 1893  
 Thomson, A. E., Halifax.....B. A., 1880  
 Thomson, Walter K., Halifax.....LL.B., 1887  
 Thorburn, W. M., I. C. S., Madras Pres., India.....B. A., 1870  
 Tilley, L. P. D., St. John, N. B.....LL.B., 1893  
 Tobin, Thomas F., Halifax.....LL.B., 1889  
 Torey, E. J., Windsor.....B. A., 1882  
 Trefry, J. H., Barrington.....B. A., 1895  
 Tremaine, C. F., Halifax.....LL.B., 1895  
 Troop, Arthur G., *B. A.*, Dartmouth.....LL.B., 1886  
 Trueman, A. I., *D. C. L.*, St. John.....B. A., 1872; M. A., 1878  
<sup>b†2</sup>Trueman, Prof. J. S. (obit.).....B. A., 1882  
 Trueman, W. H., St. John, N. B.....LL.B., 1892  
 Tufts, Rev. W. M., *M. A.*, Bedeque, P. E. I.....B. A., 1885  
<sup>†9</sup>Tupper, J. W., Johns Hopkins' Univ., Balt., Md....B. A., 1891  
 Turnbull, G. D., Hebron, Yarmouth.....M. D., C. M., 1892  
 Turner, D. F. D., London, G. B.....B. A., 1884  
<sup>†14</sup>Waddell, Prof. John, *Ph. D.*, *D. Sc.*, Kingston, Ont..B. A., 1887  
 Wallace, Rev. John, Ione City, Amador, Cal, U. S....B. A., 1870  
 Wallace W. B., Halifax.....LL.B., 1885  
 Walsh, W. W., Halifax.....LL.B., 1886  
<sup>9</sup>Webster, K. G. T., Harvard Univ.....B. A., 1892  
 Wells, William W., Point DeBute, N. B.....LL.B., 1886  
 West, T. F., Prince of Wales College, Charlottetown.B. A., 1891  
<sup>4</sup>Weston, Clara P., White River Junction, Vt.....B. A., 1892  
<sup>14</sup>Weston, R. A., Northern Pacific Ry. Co., St. Paul..B. A., 1892  
 White, T. H., Shelburne.....LL.B., 1891

|   |                           |
|---|---------------------------|
| Whitford, Joseph A., Bridgewater, N. S. ....              | LL. B., 1889              |
| Whitman, Alfred, Halifax .....                            | B. A., 1878; LL. B., 1885 |
| Wickwire, H. H., B. A., M. P. P., Digby .....             | LL. B., 1891              |
| Woodworth, C. M., B. A., South Edmonton, N. W. T. LL. B., | 1883                      |
| Woodworth, P. C., Kentville, N. S. ....                   | M. D., C. M., 1892        |
| <sup>10</sup> Yorston, F., Harvard Univ. ....             | B. A., 1894               |

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## STUDENTS, 1894-95.

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### FACULTY OF ARTS.

#### GRADUATE STUDENTS.

|   |                     |
|---|---------------------|
| Arthur, George, B.Sc. ....                | Alberton, P. E. I.  |
| Grant, Melville Finlay, B. A. ....        | Port Morieu, C. B.  |
| Grant, Robert J., B. A. ....              | Sunny Brae.         |
| Hobrecker, Clara C., B. A. ....           | Halifax.            |
| Jamieson, Harriet J., B. A. ....          | Halifax.            |
| Johnson, James Bayne, B. A. ....          | Loch Broom, Pictou. |
| MacLean, Laughlin Hugh, B. A. (Queen's) . | Strathbane, C. B.   |
| Murray, Lucy C., B. A. ....               | Halifax.            |
| Ross, George E., B. A. ....               | Newport.            |
| Ross, Mary Sophia, B. A. ....             | North Bedeque.      |
| Trueman, Mrs. M. F., B. A. ....           | Halifax.            |

#### UNDERGRADUATES.

##### *In Arts.*

##### FOURTH YEAR.

|                                |                            |
|--------------------------------|----------------------------|
| Aitken, Robert Traven D. ....  | Newcastle, N. B.           |
| Archibald, Adams Douglas. .... | Halifax.                   |
| Archibald, Alexander D. ....   | Valley, N. S.              |
| Bent, Tille Agatha .....       | Farmington, Annapolis.     |
| Butler, George Killam .....    | Kelly's Cove, Yarmouth Co. |
| Currier, Frank Allison .....   | Upper Gagetown, N. B.      |
| Duchemin, Henry Pope .....     | Charlottetown, P. E. I.    |
| Foster, Arthur Hayward .....   | Pictou Landing.            |
| Frame, David Annand .....      | Shubenacadie.              |
| Fraser, Alexander Lewis .....  | Blue Mountain.             |
| Fraser, Daniel Alexander ..... | New Glasgow.               |
| Hepburn, William Murray .....  | Pictou.                    |
| Jordan, Edward Elliot. ....    | Bridgetown.                |
| Lawson, Thomas .....           | Grafton.                   |
| Layton, James Smith .....      | Elmsdale.                  |
| Macdonald, Blanche .....       | Hopewell, Pictou Co.       |
| McIntosh, Charles Daniel ..... | Sunny Brae, Pictou Co.     |

|                          |                         |
|--------------------------|-------------------------|
| McNairn, William Wallace | Buctouche, N. B.        |
| Morris, Clarence, H.     | Windsor, N. S.          |
| Morton, Rupert Freeman   | Milton, Queens Co.      |
| Polley, James Frederick  | St. Stephen, N. B.      |
| Robins, Edwin Proctor    | Bedeque, P. E. I.       |
| Ross, Jennie Wright      | North Bedeque, P. E. I. |
| Smith, Alexander W.      | Antigonish.             |
| Stirling, John           | Clifton, P. E. I.       |
| Strathie, Ralph Grant    | Harbour Grace, Nfld.    |
| Trefry, James Hartley    | Barrington.             |

## THIRD YEAR.

|                                     |                           |
|-------------------------------------|---------------------------|
| Baker, Elma                         | Sheet Harbor, Halifax Co. |
| Benoit, John Alphonse               | Arichat, C. B.            |
| Church, Nina Elizabeth              | Halifax.                  |
| Cumming, Bessie Arnot               | Westville.                |
| Currie, William Douglas             | Halifax.                  |
| Davidson, Lilla Augusta             | Halifax.                  |
| Douglas, John Robert                | New Laing.                |
| Grant, George Alexander             | Trinidad.                 |
| Hill, Allan Massie                  | Halifax.                  |
| MacGregor, Robert Malcolm           | New Glasgow.              |
| Macneill, Murray                    | St. John, N. B.           |
| McKay, Mary Alexander               | Dartmouth.                |
| McKay, William Roderick             | Springville, Pictou.      |
| Mahon, Harry Edmund                 | Halifax.                  |
| Murdock, William Clarence           | Murray River.             |
| Murray, L. Wilbur                   | Amherst.                  |
| Robb, Alexander Francis             | St. John, N. B.           |
| Rodgerson, James Alexander Cummings | Pisquid, P. E. I.         |
| Ross, William Daniel                | Stanley Bridge, P. E. I.  |
| Sedgwick, William Middleton         | Tatamagouche.             |
| Stirling, Alexander Dinwoodie       | Clifton, P. E. I.         |
| Sutherland, George Adams            | Earltown.                 |

## SECOND YEAR.

|                             |                           |
|-----------------------------|---------------------------|
| Archibald, Herbert Thompson | Colton, San Bana Co, Cal. |
| Austen, Minna May           | Halifax.                  |
| Brodie, William Stewart     | Halifax.                  |
| Burchell, Charles Jost      | Sydney, C. B.             |
| Cameron, Ira William        | New Glasgow.              |
| Clark, Harold Marston       | St. Stephens, N. B.       |
| Coffin, Robert Lewis        | Charlottetown, P. E. I.   |
| Cummings, Edward            | Halifax.                  |
| Dakin, William              | Truro.                    |
| Denoon, Alexander Hugh      | Westville.                |
| Farquharson, William Oban   | Halifax.                  |
| Faulkner, E. Ross           | Folly Village, Col. Co.   |
| Fletcher, John              | Middlesex, Ontario.       |

|                               |                            |
|-------------------------------|----------------------------|
| Forbes, William               | Little Harbour, Pictou Co. |
| Grant, Mary Sibella           | Port Morien, C. B.         |
| Hattie, Robert McConnell      | Dartmouth.                 |
| Hetherington, Eva Florence    | Halifax.                   |
| Keddy, Douglas Ross           | Mahone Bay.                |
| McKay, Ira                    | Millsville, Pictou Co.     |
| Macdonald, Daniel John        | Point Prim, P. E. I.       |
| McLean, Stewart Clifford      | New Glasgow.               |
| Macleod, George Sutherland    | Charlottetown, P. E. I.    |
| Maxwell, Ellen Ruth           | Halifax.                   |
| Maxwell, George Herbert       | Halifax.                   |
| Millar, James Ross            | Yarmouth.                  |
| Morton, James Roland          | Milton, Queens Co.         |
| Murray, John Tucker           | Truro.                     |
| Nicholson, John William Angus | Oban, Richmond Co., C. B.  |
| Reid, David McKeen            | Musquodoboit.              |
| Sedgewick, William Henry      | Musquodoboit.              |
| Shinner, Harry Robert         | Halifax.                   |
| Thompson, Margaret            | Antigonish.                |
| Urquhart, D. Howard           | St. Peter's, C. B.         |
| Waddell, William Henry        | Halifax.                   |
| Wilkie, Florence Annie        | Halifax.                   |

## FIRST YEAR.

|                              |                                |
|------------------------------|--------------------------------|
| Barnstead, Mabel Ashmere     | Halifax.                       |
| Blanchard Aubrey Blanchard   | Hillside, Truro.               |
| Buchanan, Murdoch            | St. Ann's, Victoria Co., C. B. |
| Campbell, Duncan McDonald    | Truro.                         |
| Carmichael, George William   | Halifax.                       |
| Colquhoun, John George       | Little Harbour, Pictou Co.     |
| Corston, James Robert        | Halifax.                       |
| Crowe, Henry Stanley         | Central Onslow.                |
| Davis, Roy                   | Clifton, Col. Co.              |
| DeWolfe, Maggie Woodill      | Halifax.                       |
| Dickey, Edwin Egbert         | Upper Canard, Kings Co.        |
| Doull, John                  | New Glasgow.                   |
| Finn, Robert Emmett Dominick | Dartmouth.                     |
| Fisher, Franklin             | Bay of Islands, Nfld.          |
| Grant, Clarence Fraser       | Port Morien, C. B.             |
| Hemmeon, Joseph Clarence     | Dartmouth.                     |
| Hockin, John George          | Halifax.                       |
| Johnson, Charles Herbert     | Dartmouth.                     |
| Kennedy, Elizabeth Erota     | Halifax.                       |
| Lewis, Bessie Blanche        | Truro.                         |
| Logan, Bessie Margaret       | Truro.                         |
| McKay, Katherine Wetmore     | Dartmouth.                     |
| McKenzie, John Bradshaw      | Campbellton, N. B.             |
| Macrae, Donald Alexander     | Canoe Cove, P. E. I.           |

|                                    |                         |
|------------------------------------|-------------------------|
| Murray, Norman Grant .....         | Halifax.                |
| Rankine, James Miller .....        | Halifax.                |
| Read, Hibbert Robert .....         | Athol, Cumberland.      |
| Rice, Grace Elizabeth Bernard..... | Weymouth.               |
| Ross, Theodore .....               | North Bedeque, P. E. I. |
| Taylor, John Allan .....           | Halifax.                |
| Wood, George .....                 | Fairview, Halifax.      |

*In Letters.*

## FOURTH YEAR.

|                             |                         |
|-----------------------------|-------------------------|
| McKay, William Park .....   | Truro.                  |
| Gunn, Alexander Donald..... | East River, St. Mary's. |

## THIRD YEAR.

|                                  |          |
|----------------------------------|----------|
| Hill, Amy .....                  | Halifax. |
| Johnston, James Robinson.....    | Halifax. |
| Marshall, Lillian Elizabeth..... | Halifax. |

## GENERAL STUDENTS.

|                                  |                          |
|----------------------------------|--------------------------|
| Allen, David Johnson .....       | Port Elgin, N. B.        |
| Archibald, Eugenie .....         | Truro.                   |
| Burgoyne, Dora Livingstone.....  | Halifax.                 |
| Burns, Winifred Gillies .....    | Halifax.                 |
| Campbell, Alvin Henry.....       | Milford.                 |
| Chisholm, Winnifred Blanche..... | Halifax.                 |
| Cropper, James Bassnett.....     | St. Lucia, W. I.         |
| Cummings, Alfred Graham .....    | Lower Onslow.            |
| Dickie, Gordon .....             | Milford.                 |
| Fisher, Arthur Franklyn.....     | Lower Stewiacke.         |
| Fletcher, Louise Kate.....       | Halifax.                 |
| Fuller, Herbert George .....     | Halifax.                 |
| Glendinning, Jean.....           | Halifax.                 |
| Gould, Stewart Talmage .....     | Halifax.                 |
| Harrington, Lucy Musgrave.....   | Halifax.                 |
| Harrington, Maud.....            | Halifax.                 |
| Hattie, Joseph Howe .....        | Upper Caledonia.         |
| Irwin, John Frederick .....      | Halifax.                 |
| Irving, Thomas.....              | Kent Co., N. B.          |
| Kirk, Joseph Howe.....           | Aspen, Guysborough.      |
| Liechti, Bertha.....             | Halifax.                 |
| Logan, John Herbert .....        | Halifax.                 |
| Lyall, Jean Hutchinson .....     | Halifax.                 |
| Maclean, Lauchlin Alexander..... | Marshy Hope.             |
| McLellan, Leander .....          | Noel Shore' Hants.       |
| McCuish, Kenneth Angus .....     | St. Peters, C. B.        |
| McKay, Alexander Leonard .....   | Balmoral Mills, Col. Co. |

|                                      |                          |
|--------------------------------------|--------------------------|
| McKay, John St. Clair .....          | Earltown, Col. Co.       |
| McKay, Robert Grant .....            | Springville, Pictou Co.  |
| McKinnon, William Thomas .....       | Amherst.                 |
| McOdrum, Donald .....                | Mira, C. B.              |
| McRae, Duncan Murdoch .....          | Baddeck, C. B.           |
| Meagher, John Augustin .....         | Halifax.                 |
| Millar, James Buckley .....          | Elmsdale.                |
| Mont, John William .....             | Halifax.                 |
| Morrison, Helen .....                | Dartmouth.               |
| Morrison, Hugh Thomas .....          | Dartmouth.               |
| Morrison, John Strople Me zler ..... | St. Peter's, C. B.       |
| Morrison, W. Angus .....             | West Side, Middle River. |
| Mullins, Jennie Eliza .....          | Liverpool, N. S.         |
| Murray, John Carey .....             | Halifax.                 |
| Murray, Robert .....                 | West River, Pictou Co.   |
| Murray, Robert Pollock .....         | Mabou, C. B.             |
| Noble, John Duncan .....             | Miramichi, N. B.         |
| O'Brien, Milton Addison .....        | Noel, Hants Co.          |
| O'Brien, Osmond Franklin .....       | Noel, Hants Co.          |
| Osborne, Norman .....                | Waterville.              |
| Perry, Anna Margaret .....           | Yarmouth.                |
| Perry, William Charles .....         | England.                 |
| Reid, Alberta Victoria .....         | Dorchester, N. B.        |
| Ross, Arthur .....                   | Ferrona, Pictou Co.      |
| Ross, William Alexander .....        | Lorne, Pictou Co.        |
| Slyter, James Morrow .....           | Halifax.                 |
| Smith, Clauda Louisa .....           | Halifax.                 |
| Thompson, Albert Mur ay .....        | St. Croix.               |
| Weaver, George Dyer .....            | Weymouth Bridge.         |
| Young, Robert Milton .....           | Millsville.              |

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## FACULTY OF PURE AND APPLIED SCIENCE.

### UNDERGRADUATES.

#### FOURTH YEAR.

|   |          |
|---|----------|
| Forrest, William Duff .....             | Halifax. |
| Lange, Christian Christoph Andrew ..... | Halifax. |

#### THIRD YEAR.

|                                |              |
|--------------------------------|--------------|
| Macdonald, William Angus ..... | Halifax.     |
| McIntosh, Douglas .....        | New Glasgow. |

#### SECOND YEAR.

|                              |                        |
|------------------------------|------------------------|
| Archibald, Eben Henry .....  | Harmony, Col. Co.      |
| Blair, David Alexander ..... | Loch Broom, Pictou Co. |

#### FIRST YEAR.

|                                 |          |
|---------------------------------|----------|
| Archibald, Ernest Matthew ..... | Halifax. |
| Cook, Alexander David .....     | Halifax. |

**GENERAL STUDENTS.**

|                                |                         |
|--------------------------------|-------------------------|
| Beer, Vernon Lemuel .....      | Charlottetown, P. E. I. |
| Burton, Frederick Murray ..... | Halifax.                |
| Crockett, Robert Edwin .....   | Hopewell, Pictou Co.    |
| Davidson, Alexander .....      | Halifax.                |
| Flavin, Mary Margaret .....    | Halifax.                |
| Keirstead, Mary .....          | Halifax.                |
| Logan, Alfred E. ....          | Halifax.                |
| MacInnes, Harry Walter.....    | Halifax.                |
| McVicar, John.....             | Halifax.                |
| Magee, Rena May .....          | Church St., Kings Co.   |
| Moody, Georgina Maud .....     | Halifax.                |
| Morrison, William Peter.....   | Dartmouth.              |
| Nissen, Julius Marcellus ..... | Halifax.                |
| O'Donnell, Florence Maud.....  | Halifax.                |
| Pickering, William John.....   | Halifax.                |
| Rankine, Annie Bowden.....     | Halifax.                |
| Russell, Harry .....           | Halifax.                |
| Sheehan, Johanna Agnes.....    | Halifax.                |
| Wells, Margaret.....           | Halifax.                |

**FACULTY OF LAW.****UNDERGRADUATES.****THIRD YEAR.**

|                                      |                         |
|--------------------------------------|-------------------------|
| Barnstead, Arthur Stanley, B. A..... | Halifax.                |
| Crosby, Leeman Brooks, B. A.....     | Hebron.                 |
| Finlayson, Duncan, B. A.....         | Grand River.            |
| Fraser, Thomas Munro.....            | Hopewell.               |
| Fullerton, Charles Percy.....        | Amherst.                |
| Girroir, Edward Lavin, B. A.....     | Big Tracadie.           |
| Grant, David Kenzie, M. A.....       | Riverton.               |
| Keefer, Ralph Tupper, B. A.....      | Bridgewater.            |
| King, Harry Wyeth DeWolfe.....       | Windsor.                |
| Lovett, Laurence Arthur.....         | Kentville.              |
| McIlreith, Robert .....              | Halifax.                |
| McLean, Charles Archibald, B. A..... | Englishtown.            |
| Outhit, James Francis.....           | Melvorn Square, An. Co. |
| Shaw, George Smith .....             | St. John.               |
| Tremaine, Charles Frederick .....    | Halifax.                |

**SECOND YEAR.**

|                                    |                |
|------------------------------------|----------------|
| Bigelow, Harry Veeder .....        | Truro.         |
| Hood, John .....                   | Shelburne.     |
| Loggie, William James.....         | Chatham, N. B. |
| McCart, Leander Davison, B. A..... | Economy.       |
| McKay, Robert Sims.....            | Plymouth.      |



|                             |          |
|-----------------------------|----------|
| McVicar, Ronald             | Cow Bay. |
| Murray, Robert Harper       | Halifax. |
| Ross, Hugh                  | Cow Bay. |
| Scott, Frank Brettle, B. A. | Athol.   |
| Snyder, William Harry       | Berwick. |
| Ternan, Gerald, C. B.       | Halifax. |
| Wood, John Elijah, B. A.    | Halifax. |

## FIRST YEAR.

|                                   |                     |
|-----------------------------------|---------------------|
| Ferguson, William McMillan        | Earltown.           |
| Knight, James A.                  | Halifax.            |
| McKay, John William               | Pictou.             |
| Mackinnon, John Lauchlin, B. A.   | Antigonish.         |
| McPhie, Stewart                   | West Bay, C. B.     |
| Mitchell, Charles Richmond, B. A. | Newcastle, N. B.    |
| Morrison, Frederick Augustus      | Milltown, N. B.     |
| Moseley, Edgar William            | Sydney, C. B.       |
| O'Donoghue, Richard, B. A.        | Antigonish.         |
| Phalen, Robert Francis            | North Sydney, C. B. |
| Sullivan, Harry Roland            | Halifax.            |
| Vernon, Gilbert Hugh              | Truro.              |

## GENERAL STUDENTS.

|                                |                        |
|--------------------------------|------------------------|
| Aitken, Traven Donaldson       | Newcastle, N. B.       |
| Anderson, John M.              | Philadelphia, U. S. A. |
| Benoit, John Alphonse          | Arichat, C. B.         |
| Cummings, Alfred Graham        | Lower Onslow.          |
| Finn, Robert Emmett            | Dartmouth.             |
| Gunn, Alexander Donald         | East St. Mary's.       |
| Johnston, James Robinson       | Halifax.               |
| MacGregor, Robert Malcolm      | New Glasgow.           |
| Mahon, Harry Edmund            | Halifax.               |
| McKenzie, Alexander George     | Amherst.               |
| Morrison, John Strople Metzler | St. Peter's, C. B.     |
| Murray, John Carey             | Halifax.               |
| Reid, Alberta Victoria         | Dorchester, N. B.      |
| Russell, Frank Weldon          | Dartmouth.             |

## FACULTY OF MEDICINE.

## UNDERGRADUATES.

## FOURTH YEAR.

|  |                          |
|--|--------------------------|
| Fairbanks, Harry Gray                                      | Halifax.                 |
| McDonald, John Clyde                                       | Riverside Corner, Hants. |
| McKay, Katherine Joanna                                    | Plainfield, Pictou.      |
| Moore, Ernest Fraser, B. A., (Mt. All.)                    | Yarmouth.                |
| Munro, Cranswick Burton                                    | River John, Pictou.      |
| Murphy, George Nelson, M. D. (Bell. Hosp.<br>Med. College) | Windsor.                 |
| Simpson, Henry Osmond                                      | Dartmouth.               |

## THIRD YEAR.

|                              |                          |
|------------------------------|--------------------------|
| Daly, James .....            | Montague West, P. E. I.  |
| McDonald, William Henry..... | Truro.                   |
| McEwen, Henry Emanuel.....   | St Peter's Bay, P. E. I. |
| Murray, Duncan.....          | Meadowville, Pictou.     |
| Olding, Clara Mary .....     | Woodburn, Pictou.        |
| Ross, Alexander.....         | North Earlton.           |
| Slauenwhite, Stephen.....    | Conquerall Bank, Lun. Co |
| Williamson, Samuel W.....    | Loganville, Pictou.      |

## SECOND YEAR.

|   |                             |
|---|-----------------------------|
| Bentley, Robie Dugwell, B. A. (Acad.).... | Halifax.                    |
| Bissett, Ernest Eugene .....              | River Bourgeois, C. B.      |
| Dorman, Oscar Chipman .....               | Hantsport.                  |
| Fraser, Alexander, B. A (Dal.) .....      | West River Station, Pictou. |
| Gates, Charles Randall .....              | Digby.                      |
| Grierson, Robert, B. A. (Dal.).....       | Halifax.                    |
| McDonald, Daniel Louis .....              | Glace Bay, C. B.            |
| Payzant, Henry Allison.....               | Dartmouth.                  |

## FIRST YEAR.

|   |                           |
|---|---------------------------|
| Archibald, Matthew George.....          | Middle Musquodoboit.      |
| Archibald, Seymour .....                | Upper Musquodoboit.       |
| Beattie, Robert Fowler.....             | Economy, Col.             |
| Brehm, Robert Almon.....                | St. John's, Newfoundland. |
| Brownrigg, Albert Edward.....           | Pictou.                   |
| DeVebre, Clifford .....                 | Chelsea, Mass.            |
| Dickey, Hugh Leverette.....             | Upper Canard, Kings.      |
| Forrest, William Duff.....              | Halifax.                  |
| Gandier, George Gaw.....                | Newburgh, Ontario.        |
| Gillespie, James Francis.....           | Parrsboro.                |
| Kennedy, Alexander G.....               | Union Centre, Antigonish. |
| Lange, Christian Christopher Andrew.... | Halifax.                  |
| Macdonald, Blanche .....                | Hopewell.                 |
| McDonald, Daniel .....                  | Leitch's Creek, C. B.     |
| McDonald, Edward Murray.....            | Sydney Mines.             |
| McKenzie, Murdoch Daniel .....          | Grand River, C. B.        |
| Richaur, Thomas Richard .....           | Little Bras d'Or, C. B.   |
| Rodgerson, James, A. C.....             | Pisquid, P. E. I.         |
| Roué, John Frederick Lemin.....         | Halifax.                  |
| Shaw, Sydney Everette .....             | Waterville, Kings.        |
| Thompson, Alfred .....                  | Nine Mile River, Hants.   |
| Trenaman, Louis Gervaise .....          | Halifax.                  |
| Weatherbe, Philip .....                 | Halifax.                  |

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## ERRATA.

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- Page 25, under Junior Philosophy for *Tuesdays*, read : *Mondays*.  
" " " Senior Philosophy, for *Tuesdays and Fridays*,  
3-4 P. M., read : *Mondays and Wednesdays*,  
10-11 A. M.  
" 26, " Moral Philosophy, for *Mondays and Wednesdays*,  
11-12 A. M., read : *Mondays and Fridays*,  
3-4 P. M.  
" " " Metaphysics, for *Mondays*, 12-1 P. M., read :  
*Tuesdays*, 3-4 P. M.  
" " line 12, for Hedomatic, read : Hedonistic.  
" 32, end of § II, for Thursday, 23rd April, read : Tuesday,  
28th April.  
" 37, line 33 for Philippics I-II, read : Philippics I-III.  
" 38, in the B. L. Course, First Year, for *For B. L.*—German,  
read : *For B. L.*—German or French ; and  
for *For B. L.*—French, read : *For B. L.*—  
The modern language not selected as subject  
1, or Latin or Greek.  
" 39, in the B. L. Course, Second Year, for *For B. L.*—  
German, read : *For B. L.*—The language  
selected as subject 1 in the First Year ; and  
for *For B. L.*—French, read : *For B. L.*—  
The language selected as subject 2 in the  
First Year.  
" 39 in the B. L. Course, Third Year, for *For B. L.*—German  
or French, read : *For B. L.*—Either of the  
languages selected in the First and Second  
Years.  
" 66, end of § XXVI, for 23rd April, read : 28th April.
- 
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ERRATA

Faint, illegible text, likely containing corrections or errata.

# APPENDIX.

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## EXAMINATION PAPERS, 1894-95.

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FACULTY OF ARTS.

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### MATRICULATION.

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#### LATIN.

*Examiner* ..... JOHN JOHNSON, M. A.

CÆSAR: GALLIC WAR, BOOKS V AND VI. VIRGIL: ÆNEID,  
BOOK III.

TIME: THREE HOURS.

N. B.—*Candidates for Ordinary Matriculation will take Part I or Part II, together with Part V. Candidates for Distinction and Scholarships will take Parts I, II, (omitting questions marked with an asterisk,) III, IV.*

#### I.

A. Translate:

(a) *Eo cum venisset, circuitis omnibus hibernis, singulari militum studio, in summa omnium rerum inopia, circiter sexcentas ejus generis, cujus supra demonstravimus, naves et longas viginti octo invenit instructas, neque multum abesse ab eo, quin paucis diebus deduci possent. Collaudatis militibus atque iis qui negotio præferant, quid fieri velit, ostendit, atque omnes ad portum Itium convenire jubet, quo ex portu commodissimum in Britanniam transmissum esse cognoverat, circiter millium passuum triginta a continenti.*

(b) *Segni Condrusique, ex gente et numero Germanorum, qui sunt inter Eburones Trevirosque, legatos ad Cæsarem miserunt, oratum, ne se in hostium numero duceret, neve omnium Germanorum qui essent citra Rhenum, unam esse causam judicaret: nihil se de bello cogitavisse, nulla Ambiorigi auxilia misisse. Cæsar, explorata re questione captivorum, si qui ad eos Eburones ex fuga convenissent, ad se ut reducerentur, imperavit: si ita fecissent, fines eorum se violaturum negavit.*

1. (a) "Ejus generis": explain the difference from the others. (b) "Omnes ad p. Itium convenire jubet": express this with *imperat* for *jubet*. (c) "Si ita fecissent, fines eorum se violaturum negavit": turn this into *oratio recta*, that is, give the actual Latin words used by Cæsar.
2. Account for cases of (in A a), "hibernis," "eujus," "millium": (in A b), "Ambiorigi," "quæstione."
3. Parse fully (in A a) "abesse," "velit": (in A b) "oratum," "qui," (in "si qui.")
4. How did the Galli count time and why? What traces of the method are found in English? What is the date of events mentioned in A a? Give the ancient and modern names of the chief rivers of Gallia.

## II.

B. Translate :

(a) Hunc Polydorum auri quondam cum pondere magno  
 Infelix Priamus furtim mandarat alendum  
 Threicio regi, cum jam diffideret armis  
 Dardaniae cingique urbem obsidione videret.  
 Ille, ut opes fractae Teucrum, et Fortuna recessit,  
 Res Agamemnonias victriciaque arma secutus,  
 Fas omne abrumpit; Polydorum obruncat, et auro  
 Vi potitur. Quid non mortalia pectora cogis,  
 Auri sacra fames?

(b) Tollite me, Teuceri; quascumque abducite terras;  
 Hoc sat erit. Scio me Danais e classibus unum,  
 Et bello Iliacos fateor petiisse Penates.  
 Pro quo, si sce'ris tanta est injuria nostri,  
 Spargite me in fluctus, vastoque immergite ponto.  
 Si pereo, hominum manibus periisse juvabit.  
 Dixerat, et genua amplexus genibusque volutans  
 Haerebat. Qui sit, fari, quo sanguine cretus,  
 Hortamur; quae deinde agitet fortuna, fateri.

1. What unusual syntax is found in B b.
- \*2. Parse fully (in B a) "diffideret," "cingi": (in B b) "genua," "fateri."
3. The following words have different meanings according to quantity, declension, &c.: reduces, manibus, parens, aras, solum, leges.
4. Scan the last two lines of B b.
- \*5. Write Virgil's name in full. Where and when was he born? Name in order the places visited by Aeneas.

## III.

C. Translate this extract from a book not prescribed :

Cum per eorum fines triduum iter fecisset, inveniebat ex captivis Sabim flumen ab castris suis non amplius millia passuum decem abesse: trans id flumen omnes Nervios consedissee, adventumque ibi Romanorum expectare, una cum Atrebatibus et Veromanduis, finitimis suis (nam his utisque persuaserant, uti eandem belli fortunam experirentur): expectari etiam ab his Aduatucorum copias, atque esse in itinere: mulieres, quique per ætatem ad pugnam inutiles videntur, in eum locum conjecisse, quo propter paludes exercitui aditus non esset.

## IV.

1. Show by examples that the English infinitive must be translated by clauses with different conjunctions according to meaning.
2. "Whether—or" are translated differently according to sense.
3. How is "ought" translated? Give simple examples.
4. Name the cases governed by *utor*, *docuit*, *confido*, *utilis*, *in*, *temporo*, *misereor*, *poenitet*.
5. Translate into Latin: All Gallia was conquered by Cæsar in a few years. All the world knows that the wise are few. What prevents you from staying at home for the rest of winter?

## V.

1. If Part I be taken, decline in the sing. "generis," "cujus"; in the pl. "portum," "omnes"; if Part II be taken, decline in the sing. "pondere," "opes"; in the pl. "sceleris," "qui."
2. Compare: fortis, juvenis, magnus, similis.
3. Write 2nd sing. of the fut. indic. and of the imperf. subj. in the active and passive, (if both be found) of *docco*, *patior*, *rego*, *nolo*.
4. What is the Latin for: The top of the mountain—against one's will—and no one—perhaps—dying (the noun).
5. Translate into Latin: The army started from the camp. He wishes to be a citizen of Rome. I am afraid that Cæsar will not return home. Do not say that.

## GREEK.

Examiner..... JOHN JOHNSON, M. A.

XENOPHON: ANABASIS, BOOKS I, II, III.

TIME: THREE HOURS.

N. B.—Candidates for Ordinary Matriculation will take Part I or II, or III, together with Part VI. Candidates for Distinction and Scholarships will take Parts I and II, (omitting questions marked with an asterisk), IV and V.

## I.

A. Translate this Extract from Book I:

Ὅς μὲν στρατηγήσοντα ἐμὲ ταύτην τὴν στρατηγίαν, μηδεὶς ὑμῶν λεγέτω. πολλὰ γὰρ ἔνορῶ δι' ἃ ἐμοὶ τοῦτο οὐ ποιητέον. ὡς δὲ τῷ ἀνδρὶ δι' ἃν ἐλθῆτε πείσομαι ἢ δυνατὸν μάλιστα: ἵνα εἰδῆτε ὅτι καὶ ἀρχεσθαι ἐπίσταμαι ὡς τις καὶ ἄλλος μάλιστα ἀνθρώπων. 16. Μετὰ τοῦτον ἄλλος ἀνέστη, ἐπιδεικνύς μὲν τὴν εὐθθειαν τοῦ τὰ πλοῖα αἰτεῖν κελεύοντος, ὡς περ πάλιν τὸν στόλον Κύρου μὴ ποιουμένου. ἐπεδείκνυε δὲ ὡς εὐθθεις εἶη, ἡγεμόνια αἰτεῖν παρὰ τοῦτον ὃ λυμαινόμεθα τὴν πράξιν. Εἰ δὲ τι καὶ τῶ ἡγεμόνι πιστεύσομεν ὃ ἂν Κύρος δῶ, τί κωλύει καὶ τὰ ἄκρα ἡμῖν κελεύειν Κύρον προκαταλαμβάνειν;

1. Where does the form of the report of the speech in §16 change? What would the other form be there?

2. Ὡς μὲν στρατηγήσοντα ἐμὲ—ὡς δὲ τῷ ἀνδρὶ . . . πείσομαι—ὡσπερ . . . Κίρον μὴ ποιουμένον: explain the connection of these clauses with their sentences.

3. Give the rules for the cases of: ἐμοί, ᾧ (in ᾧ ἂν Κύρος), ἡμῖν.

4. Decline in full in the pl; τοῦτον, ἡγεμόνα.

\*5. Parse fully: λεγέτω, εἰδήτε, δῶ.

\*6. How are the parts of the day marked in Xenophon?

## II.

B. Translate this Extract from Book II:

Παντάσῃ δὲ ἀπόρων ἐστὶ καὶ ἀμηχάνων καὶ ἀνάγκῃ ἐχομένων, καὶ τούτων πονηρῶν, οἵτινες ἐθέλουσι δι' ἐπιορκίας τε πρὸς θεοὺς καὶ ἀπιστίας πρὸς ἀνθρώπους πράττειν τι. Οὐχ οὕτως ἡμεῖς, ὦ Κλέαρχε, οὔτε ἡλίθιοι οὔτε ἀλόγιστοί ἐσμεν. Ἀλλὰ τί δὴ ὑμῶς ἐξὸν ἀπολέσαι οὐκ ἐπὶ τοῦτο ἦλθομεν; Ἐν ἰσθί ὅτι ὁ ἐμὸς ἔρωσ τούτου αἰτίας, τὸ τοῖς Ἑλλήσιν ἐμὲ πιστὸν γενέσθαι, καὶ ᾧ Κύρος ἀνέβη ξενικῶ διὰ μισθοδοσίας πιστεύων, τούτῳ ἐμὲ καταβῆναι δι' εὐεργεσίας ἰσχυρόν.

1. Explain syntax of infinitives in last sentence.

2. τούτων, τοῦτο, τούτου, τούτῳ: to whom or what do these refer?

\*3. Account for cases of nouns and pronouns that are not governed by prepositions.

\*4. Decline in the sing. ἡμεῖς, ἰππέων.

5. Parse fully ἐξὸν, ἦλθομεν, καταβῆναι.

6. What measures of length are mentioned by Xenophon? What are the English equivalents?

## III.

C. Translate this Extract from Book III:

Οὐκ ἂν οὖν θαυμάζοιμεν εἰ οἱ πολέμιοι, ὡσπερ οἱ δειλοὶ κίνες τοὺς μὲν παριόντας διώκονσίν τε καὶ δάκνουσιν, ἢν δύνωνται, τοὺς δὲ διώκοντας φεύγουσιν, εἰ καὶ αὐτοὶ ἡμῖν ἀπιούσιν ἐπακολουθοῖεν Ἴσως οὖν ἀσφαλέστερον ἡμῖν πορεύεσθαι πλαισίον ποιησαμένους τῶν ὄπλων, ἵνα τὰ σκενοφάρα καὶ ὁ πολλὸς ὄχλος ἐν ἀσφαλεστέρω εἴη. Εἰ οὖν νῦν ἀποδειχθεῖ τινα χρῆ ἡγεῖσθαι τοῦ πλαισίου καὶ τὰ πρόσθεν κοσμεῖν, καὶ τίνας ἐπὶ τῶν πλευρῶν ἐκατέρων εἶναι, τίνας δ' ὀπισθοφυλακεῖν, οὐκ ἂν, ὅποτε οἱ πολέμιοι ἔλθοιεν, βουλεύεσθαι ἡμῶς δέοι, ἀλλὰ χρώμεθ' ἂν εἰθὺς τοῖς τεταγμένοις.

1. What words are superfluous in the first sentence?

2. Account for the cases of ποιησαμένους, τίνα, πλαισίον, τίνας.

3. Decline in the sing.: κίνες, πλευρῶν.

4. Parse fully: θαυμάζοιμεν, εἴη, χρώμεθ'.

5. Give some account of Xenophon.



## IV.

D. Translate this Extract from a book not prescribed :

Καὶ νῦν ἐπεὶ εἰς τὰς Ἑλληνίδας πόλεις ἤλθομεν, ἐν Τραπεζοῦντι μὲν παρείχον γὰρ ἡμῖν ἀγοράν, ὠνούμενοι εἰχομεν τὰ ἐπιτήδεια, καὶ ἀνθ' ὧν ἐτίμησαν ἡμᾶς καὶ ξένια ἔδωκαν τῇ στρατιᾷ, ἀντετιμῶμεν αὐτούς· καὶ εἰ τις αὐτοῖς φίλος ἦν τῶν βαρβάρων, τούτων ἀπειχόμεθα· τοὺς δὲ πολεμίους αὐτῶν, ἐφ' οὓς αὐτοὶ ἠγοῖντο, κακῶς ἐποιοῦμεν ὅσον ἐδυνάμεθα. Ἐρωτᾶτε δὲ αὐτοὺς ὁποῖων τινῶν ἡμῶν ἔτυχον· πάρεσι γὰρ ἐνθάδε οὓς ἡμῖν ἠγεμόνας διὰ φίλιαν ἢ πόλις ξυνέπεμψεν.

## V.

1. Give examples of idiomatic uses of ἄλλος.
2. Distinguish the meanings of διὰ and παρὰ with different cases.
3. What is the English of: ἐς τοῦτο ἀνοίας ἤλθεν — ἐκ τοῦ ἴσου ἡμῖν γενήσονται — ἡδέως ἂν ταῦτα πράττοι.
4. Turn into *oratio obliqua* after both ἐφη and ἔλεξεν: δικάσιος ταῦτα ἐπραξας.

5. Translate into Greek: They crossed the river by night.—After this they marched for many days without food.—Then they reached a large city of Cilicia, in which some stayed, but others wished rather to go home. In what year did Cyrus make this expedition against his brother?

## VI.

1. Compare: δίκαιος, ἀληθής, ἡδύς, σοφός.
2. Give the dative plural in full of: σύ, λυών, γυνή, μέγας, τῆθεις.
3. Write the infinitives active and passive of: γράφω, δίδωμι.
4. Give all the personal forms of: ἔλυσσα, τετίμηκα, ἔδωθον.
5. In what part of the verb are these forms found: λύσωσι, γράψειαν, τετίμηνται, ἔδοσαν?

## FRENCH.

Examiner ..... PROFESSOR LIECHT.

TIME: THREE HOURS.

## I.

N. B.—For Matriculation take parts I. and II., omitting question 2 of Part II., and For Scholarship, take Part II. and III., omitting question 3 of Part II.

- A. Translate: Voltaire, *Charles XII.*—Un jour il (Charles) s'amusait dans l'appartement du roi à regarder deux cartes géographiques, l'une d'une ville de Hongrie, prise par les Turcs sur l'empereur, et l'autre de Riga, capitale de la Livonie, province conquise par les Suédois depuis un siècle; au bas de la carte de la ville hongroise il y avait ces mots, tirés du livre de Job; " Dieu me l'a donné,

Dieu me l'a ôté ; le nom du Seigneur soit béni !" "Le jeune prince ayant lu ces paroles, prit sur-le-champ un crayon, et écrivit au bas de la carte de Riga, "Dieu me l'a donnée, le diable ne me l'ôtera pas." Ainsi dans les actions les plus indifférentes de son enfance ce naturel indomptable laissait souvent échapper de ces traits qui caractérisent les âmes singulières, et qui marquaient ce qu'il devait être un jour.

1. *Dieu me l'a donné.* Write this sentence ; (1) in the negative form ; (2) in the interrogative form, and parse the three words *me, l',* and *a.* Comment on the use of the grammatical signs in *l'a* and in *donné,* giving other illustrations.

2. Parse and give principal parts of *avait, soit, ôtera, devait.* Write down the *Present Indicative* of each of these verbs.

3. *Les plus indifférentes de son enfance.* How would the omission of *les* affect this clause ? Parse *plus,* and write down the comparative and the superlative of *bon* and of *bien.* Translate : He speaks well, better than his friend ; but the latter is a better man. Illustrate the various ways in which "the" is expressed in French.

4. *Le jeune prince prit un crayon.* Put this in the *Plural,* and explain why *un* cannot be pluralized in such sentences. Mention in what case *un* may assume the plural form. Turn into French—Money. No books. Good friends. Has he any courage ? Yes, he has.

5. *De son enfance.* Can you explain peculiarity of construction in this clause ? Give short illustrations of the use of the *feminine singular,* the *plural,* and the *pronominal form* of *son.* Interpret : Her Majesty, the Queen. His Majesty, the Emperor.

## II.

B. Translate : Le roi de Suède avait débarqué à Pernaw avec environ seize mille hommes d'infanterie, et un peu plus de quatre mille chevaux. De Pernaw il avait précipité sa marche jusqu'à Revel, suivi de toute sa cavalerie, et seulement de quatre mille fantassins. Il le trouva bientôt, avec ses huit mille hommes seulement, devant les premiers postes des ennemis. Il ne balança pas à les attaquer tous les uns après les autres, sans leur donner le temps d'apprendre à quel petit nombre ils avaient affaires. Les Moscovites, voyant arriver les Suédois à eux, crurent avoir toute une armée à combattre. La garde avancée de cinq mille hommes, qui gardait entre des rochers un poste où cent hommes résolus pouvaient arrêter une armée entière, s'enfuit à la première approche des Suédois.

1. *Un peu plus de quatre mille chevaux.* Why would the addition of an *s* to *mille* be wrong here ? Interpret : One thousand miles. Thousands of miles. 1894 (in letters). Numbers, in general, do not admit of the mark of the *plural* ; state the exceptions, giving illustrations. Write the singular of *chevaux,* and the plural of *bal.*

2. Account for the Infinitives : *donner* and *arriver* (lines 6 and 7). How is the English present participle expressed in the following sentence, —why ? : He left (quitting) the room without *saying* anything. He left the room without *having* said anything.

3. Write the *feminine* of the adjectives : *sec, frais, las, vix, bon* ; and the *masculine* of : *belle, grecque, blanche, vive* ; give the meaning of these words. Which adjectives have only *one* form for both genders ? ; write an example.

4. *Her* father, *her* sister and *her* brothers have arrived. I have not seen *her*. We speak to *her*. For *her*. Translate these sentences and explain the different forms *her* assumes in them.

5. *Qui gardait . . . où cent hommes*. Parse *qui*, and illustrate with one example the use of its corresponding form *que*. The same words may be used as *interrogative pronouns*; translate for examples: What do you say? Who has spoken? Whom do you see? Distinguish between *où* and *ou*; *à* and *a*.

6. Translate: The history of Charles XII. is interesting. All our friends are here. Have you ever been in Europe? No, but I was in the United States a fortnight ago. How often do you write to your friend? Not very often. The books which I have bought, are French books. Do you speak French? No, I only speak English. How old is that man? He is thirty-one years old. To-day is the fifteenth of September, 1894 (letters).

## III.

C. Translate: Octave Feuillet, "*Le roman d'un jeune homme pauvre*."

Nous habitons en effet auprès de Grenoble le Château héréditaire de notre famille, qui était cité dans le pays pour son grand air seigneurial. Il nous arrivait souvent, à mon père et à moi, de chasser tout un jour sans sortir de nos terres ou de nos bois. Nos écuries étaient monumentales, et toujours peuplées de chevaux de prix qui étaient la passion et l'orgueil de mon père. Nous avions de plus, à Paris, sur le boulevard des Capucines, un bel hô tel où un pied-à-terre confortable nous était réservé. Enfin, dans la tenue habituelle de notre maison, rien ne pouvait trahir l'ombre de la gêne ou de l'expédient. Notre table même était toujours servie avec une délicatesse particulière et raffinée à laquelle mon père attachait du prix. La santé de ma mère cependant déclinait sur une pente à peine sensible, mais continue.

1. Parse and give principal parts of *sortir*, *pouvait trahir*, *servie*. What tenses are formed from the *Infinitive present* of verbs?; take *sortir* and *pouvait* for examples.

2. Distinguish between: un jeune homme *pauvre* and un *pauvre* jeune homme; b tween *Toute ville*, *toute la ville*, and *toutes les villes*. Translate: Everybody was at the reception. The whole world is full (*rempli*) of it.

3. *Nous avions de plus un bel hôtel*. Parse *plus*, and write down its positive. When may *plus* be followed by the preposition *de*; give an example. Account for the use of *bel* instead of *beau*; mention other adjectives belonging to this class.

4. Illustrate with short examples the position of *conjunctive* and *disjunctive pronouns*. Translate: Give it to her. Do not give it to her. Distinguish between: *ce qui* and *ce que*, forming an example with each term.

5. *Rien ne pouvait trahir*. How is negation effected in French? Mention the principal negative adverbs. Why is *pas* omitted in the above class?

6. Translate: What do you say? What are you thinking of? Of what are you complaining (*se plaindre de . . .*)? What! are you here? What book are you reading?

## GERMAN.

Examiner ..... PROFESSOR LIECHT.

TIME: THREE HOURS.

A. Translate: *Heine's musikalische Studien*. — Es war die Absicht unserer Mutter, dass ihre sämtlichen Kinder recht musikalisch gebildet würden. Heinrich sollte Violine spielen lernen. Ein Lehrer wurde angenommen, die Musikstunden bestimmt, die auf einem obern Stübchen eines, in dem Garten gelegenen Flügels unseres Hauses in Düsseldorf stattfinden sollten. Meine Mutter bekümmerte sich um nichts weiter, als dass der Lehrer allmonatlich richtig bezahlt wurde. Heinrich that nämlich in Worten, als ob er ganz für die Violine lebte. So war ein Jahr hingeflossen, als einstmals um die Zeit der Musikstunde meine Mutter im Garten spazieren ging. Zu ihrer grössten Befriedigung hörte sie ein gutes, fertiges Violinspiel.

1. Write down the *Genitive singular* and the *Nomin. plural* of the nouns: *Mutter, Stübchen, Garten, Jahr, Befriedigung*, prefixing the definite article to each noun.

2. Illustrate the various forms the English "the" assumes in German; and translate: I have a book. A gentleman is in the room. A lady desires to speak to you. Write these sentences also in the plural form.

3. Parse and give principal parts of: *war, würden, sollten, lebte, ging*. Write down the present tense indicative of *haben, sein* and *werden*.

4. Illustrate the difference between: *nicht* and *nichts*; *kein* and *kein*, giving a short example with each of these words.

5. *Als meine Mutter im Garten spazieren ging*. Classify this sentence, parse *ging*, and account for its position. Explain the term *im* and mention other combinations of the same class.

B. Translate: Als sie die Thür öffnete, sah sie zu ihrem grossen Erstaunen, wie Heinrich der Länge nach *auf* einem Divan lag, der Lehrer *vor* ihm auf und abging und ihn mit seinem Violinspiel unterhielt. Die Sache klärte sich damit *auf*, das *auf* diese Weise die Musikstunden gegeben worden waren, und mein Bruder nicht die Tonleiter rein zu spielen *vermochte*. Der Lehrer wurde verabschiedet, und bei dem *ausgesprochenen* Widerwillen Heinrichs gegen die Violine, hatte der Musikunterricht ein für alle Mal ein Ende.

1. What means have we to distinguish between *irregular* and *regular* verbs? If the verb is a separable one, show *how* and *when* separation may be affected, taking for example: *der Lehrer vor ihm auf-und abging*.

2. Und *ihn* mit seinem Violinspiel unterhñlt. In what case is *ihñ*, write down the other cases. Point out the prepositions in extract B, that govern *two* cases, and show by an example when they take the *one*, and when the *other* case.

3. Decline in the 4 cases singular and plural: *ein guter Mann*.

4. Der Lehrer wurde verabschiedet. Change this *principal* clause into a *dependent* one, and tell how the position of the verb is affected thereby. What difference is there between: Die Thür *war* geschlossen und die Thür wurde geschlossen; translate these sentences and give principal parts of *war* or *wurde*,

5. Translate into German: How old is your friend? He will be 20 years' old to-morrow. An exhibition was held in this city a few days ago. What time is it? It is half-past three. To-day is the 11th October, 1894 (letters). We study the German language.

## MATHEMATICS.

Examiner ..... C. MACDONALD, M. A.

## G E O M E T R Y.

TIME : THREE HOURS.

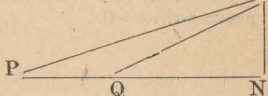
1. Triangles on equal bases and between the same parallels are in area equal to one another.

2. If two triangles have two sides of the one equal respectively to the two sides of the other, and the angles contained by these sides supplemental, they are equal in area.

3. Enunciate and prove the converse of Euc. : I. 47th proposition.

4. PQ is divided internally in N :  $P \quad N \quad Q \dots N_1$   
 prove  $PQ^2 + QN^2 = PN^2 + 2PQ \cdot QN$ .

5. Shew that, if PQ be produced to  $N_1$ , so that  $QN_1 = QN$ , the proposition holds good, replacing N by  $N_1$  and having regard to the changed position of  $N_1$ . R

6. RN in the figure is perpendicular   
 to PQ produced. Prove  $PR^2 = PQ^2 + QR^2 + 2PQ \cdot QN$ .

7. If a straight line passing through the centre of a circle bisect a chord that does not pass through the centre, it cuts it at right angles : Prove this ; next, move the chord, parallel to its first position, away from the centre : and deduce a very important proposition respecting the circle.

8. If a quadrilateral be inscribed in a circle, either pair of its opposite angles is equal to two right angles.

9. If X be a straight line and P a point without it, and PB, PC, PD, &c. be drawn meeting X in B, C, D, &c. : the circles described on these lines as diameters have all another point in common besides P.

## ARITHMETIC AND ALGEBRA.

1. A man bequeathed to his two sons and three daughters the sum of \$51,750. The sons were to have equal shares and also the daughters ; but a daughter's share was to be  $\frac{1}{3}$  more than a son's share. What were the shares of a son and of a daughter ?

2. Multiply  $37 \cdot 724$  by  $8 \cdot 06$  in such a manner as to shew the reason of the rule for placing the point (.) in the answer.

3. Resolve into the simplest factors you can, having positive integer exponents,  $x^6 - y^6$  : and apply the results to resolve into factors  $a^6 - \frac{729}{64} b^{\frac{12}{5}}$ .

4. Divide  $\sqrt{a}$  by  $\sqrt{a} + \sqrt{x}$ , giving at least, the first four terms of the Quotient.

5. Write out the working of  $(a+b\sqrt{-1})(a-b\sqrt{-1})$ , and shew that  $(\sqrt{-1})^{4n+1} = \sqrt{-1}$ .

6. Find the expression with rational denominator equivalent to

$$\frac{\sqrt{1+x} - \sqrt{1-x}}{\sqrt{1+x} + \sqrt{1-x}}, \text{ and shew that } \frac{\frac{1}{a^m} + \frac{1}{n}}{-\left(\frac{1}{m} - \frac{1}{n}\right)} = \sqrt{a^2}.$$

7. Solve the equation,  $\frac{6x-5}{4} = \frac{5x}{3\frac{1}{2}} - \frac{x-1\frac{1}{2}}{2}$ .

8. Solve, as a pair of simultaneous equations not involving quadratics, the equations,  $x^2 + y^2 = 34$ ,  $+x - y = 2$ .

9. Find two values of  $x$  in the equation,  $2x = 4 + \frac{6}{x}$ .

10. Given  $ax^2 + 2bx + c = 0$ ;  $a$ ,  $b$ , and  $c$  being real numbers. Shew that the values of  $x$  are real and unequal, equal, or imaginary, according as  $b^2 - ac$  is  $> 0$ ,  $= 0$ , or  $< 0$ .

11. If  $x^3 + px^2 - a^2x + r$  be divisible, without remainder, by  $x + a$ , prove  $pa^2 + r = 0$ .

## ENGLISH.

*Examiner*..... PROFESSOR MACMECHAN.

TIME : THREE HOURS.

1. *Composition*. Write a short essay of not less than three paragraphs on *one* (but not more) of the following themes :—

- (a) Hamlet's duel with Laertes.
- (b) How Hamlet discovers the murder of his father.
- (c) The Last Years of Warren Hastings.
- (d) The Misfortunes of the Acadians.
- (e) The Hunt in "The Lady of the Lake."

2. Put into simple prose the substance of the following lines :—

- (f) "Rafael made a century of sonnets,  
 Made and wrote them in a certain volume,  
*Dinted* with the silver-pointed pencil  
*Else* he only used to draw Madonnas.  
*These*, the world might view—but *one*, the volume,  
 Who that *one* you ask? Your heart instructs you.  
 Did she live and love it all her lifetime?  
 Did she drop, his lady of the sonnets,  
 Die, and let it drop beside her pillow—?"

3. Analyse (*f*) fully. Parse the italicised words.

## HISTORY AND GEOGRAPHY.

Examiner . . . . . PRESIDENT FORREST.

TIME : THREE HOURS.

## ENGLISH HISTORY.

1. Give outlines of history of England during Saxon period
2. Give a brief account of the reign of Henry VII.
3. During whose reign was America discovered? Halifax founded? Quebec taken by English? Slavery abolished? Habeas Corpus Act passed? Ireland conquered? Scotland united to England? Wales united to England?
4. Write a short account of the Hundred Years' War.
5. What part did England take in the Seven Years' War?
6. Write brief notes on any three of following subjects :—Spanish Armada. Chartists. Repeal of Corn Laws. Indian Mutiny. Capture of Louisburg.

## CANADIAN HISTORY.

1. Write notes on founding of Halifax, St. John, Quebec, Montreal.
2. Give brief outline of history of New Brunswick from to .
3. Give an account of massacre of Lachine, 1689.
4. "The French king would not submit to the loss of Louisburg. A great armament was gathered on the port of Rachelle with the avowed purpose of recapturing it—Due d' Anville commanded" Give account of the expedition
5. Wherein do laws of Quebec differ from those of other provinces? What is the cause?
6. Write notes on any two of following subjects :—Aroostook War. Papineau's Rebellion. Louis Riel. Sable Island.

## GEOGRAPHY.

1. Define latitude, longitude; what is greatest degree of each?
2. Name the ten largest cities of Europe.
3. Through what countries does the parallel of 44° N. Lat. pass? 10 E Lon.?
4. Bound Belgium, Germany, New Brunswick, State of Ohio, Brazil, Patagonia
5. Locate the following cities, giving the river or other body of water on or near which the city lies :—Toronto, Kingston, St. John, Baltimore, Chicago, Hamburg, Berlin, Prague, Madras, Iloilo, Manila.
6. In what direction do the following rivers flow :—St. John, Lahave, Shubenacadie, Hudson, Missouri, Volga, Nile, Ganges, Amoor, Rhine, Danube?

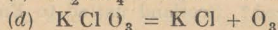
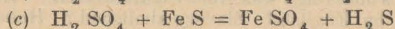
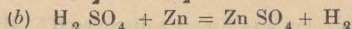
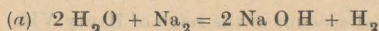
## INORGANIC CHEMISTRY.

Examiner ..... PROFESSOR LAWSON.

TIME: THREE HOURS.

*Five (5) questions only to be taken.*

1. Give a precise explanation in words, without using any symbols or formulæ, of the following equations:—



2. What is the composition of Atmospheric Air as regards its principal (more abundant) constituents? In what proportions, and in what state of combination, are they? What other substances are found in air, normally or as impurities? Explain the usual forms of oxidation of inorganic and organic bodies, and the effects of respiration, combustion and fermentation upon the atmosphere.

3. Give a full explanation of the general constitution of Salts. Compare the hydracids and oxacids, (a) as to their composition or constitution; (b) their behaviour in contact with basis. Explain the reaction known as double decomposition. What is meant by the terms, monobasic, dibasic, and tribasic acids? Neutral, acid, and basic salts? Give examples of the action of acids upon Salts. In testing for the bases and acids of Salts a systematic method is adopted. Explain the manner in which the different groups of bases are recognized, and separated.

4. Describe the process for preparing or manufacturing free Phosphorus from its compounds. What are the oxides and acids of Phosphorus? Compare them and explain their chemical characters. What is meant by saying that Phosphoric acid is a tri-basic acid. Show the several ways in which the relative proportions of base and acid affect the compounds formed. What is a Superphosphate (so called), and how is it produced? Write the formulæ for disodic phosphate, and for tri-calcic phosphate, and for a hypophosphite.

5. Describe briefly a process for preparing Hydrogen, and notice the leading physical and chemical properties of that body. What is the composition of Water as regards the ratios of its constituents in volume and in weight? What is its molecular weight, and what is meant by that term? What are the physical properties of Water? its chemical properties?

6. "The relative weights or proportions according to which bodies combine are invariable for each combination. These proportions are the equivalents."

Explain and illustrate the above statement by a sufficient number of examples showing the ratios in which bodies combine with and displace each other. What is meant by the equivalent number of an element? also the atomic number? How is the latter determined?

7. What is Silica? Hydrated Silica? Silicic Acid? In what way may Silicic Acid be obtained? Give a general outline of the process of analysis of an insoluble Silicate?

8. Give a full account of the two Oxides of Carbon, with special reference to the modes in which they are produced, and their chemical properties.



TIME TABLE—FACULTY OF LAW.

| <i>Hours.</i>      | <i>Monday.</i>      | <i>Tuesday.</i>   | <i>Wednesday.</i> | <i>Thursday.</i>    | <i>Friday.</i>     |
|--------------------|---------------------|-------------------|-------------------|---------------------|--------------------|
| 9 to 10 .....      | .....               | Const. History.   | .....             | Const. History.     | .....              |
| 10 to 11 .....     | Constitutional Law. | .....             | Crimes.           | Constitutional Law. | International Law. |
| 11 to 12 .....     | Shipping.           | Conflict of Laws. | Sales.            | .....               | Equity.            |
| 12 to 1 .....      | .....               | .....             | Contracts.        | .....               | Contracts.         |
| 4.30 to 5.30 ..... | Real Property.      | Conveyancing.     | Procedure.        | Evidence.           | Torts.             |
| 8 to 9 .....       | .....               | .....             | .....             | .....               | .....              |

