

CALENDAR
OF
DALHOUSIE COLLEGE
AND
UNIVERSITY.

HALIFAX, NOVA SCOTIA.

1896-97.



HALIFAX:
PRINTED FOR THE UNIVERSITY BY THE NOVA SCOTIA PRINTING CO.
1896.

CALENDAR

1896-97.

TIME TABLE—FACULTIES OF ARTS AND SCIENCE.

Year.	Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
First Year.	9	English.	Inorg. Chem.	Inorg. Chem.	English.	Inorg. Chem.
	10	Latin	Greek.	Latin.	Greek.	Latin.
	11	Mathematics.	Mathematics.	Mathematics.	Mathematics.	Mathematics.
	12	2nd German.	2nd French.	2nd German.	2nd French.	2nd German.
	1	3rd German.	1st French.	1st German.	1st French.	1st German.
Second Year.	9	.....	3rd French.	Junior Phil.	3rd French.	Mathematics.
	10	.....	Mathematics.	Mathematics.	Mathematics.	Latin.
	11	.....	Greek.	Greek.	Greek.	Jun. Physics.
	12	English.	Jun. Physics.	English.	Junior Physics.	English.
	1	2nd German.	2nd French.	2nd German.	2nd French.	2nd German.
Third Year.	9	2nd German.	2nd French.	2nd German.	2nd French.	2nd German.
	10	Org. Chem.	Const. Hist.	Org. Chem.	Org. Chem.	Org. Chem.
	11	Sen. Physics.	Adv. Classics.	Sen. Physics.	Sen. Physics.	Sen. Physics.
	12	Senior Phil.	Pol. Economy.	Senior Phil.	Pol. Economy.	Senior Phil.
	1	.....	Greek (1st yr.)	.....	Greek (1st year)	.....
Fourth Year.	9	2nd German.	2nd French.	2nd German.	2nd French.	2nd German.
	10	Mar. Phil.	Adv. Phil.	Mar. Phil.	Adv. Phil.	Mar. Phil.
	11	.....	Sen. English.	Hist. Ethics.	.....	Sen. English.
	12	.....	.....	Th. Ethics.	.....	.....
	1	.....	.....	.....	.....	.....

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

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UNIVERSITY ALMANAC, 1896-97.

1896.

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- Aug. 24. M.—Last day for receiving notices of Supplementary and Matriculation Examinations (Faculty of Law).
31. M.—Last day for receiving notices of Supplementary Examinations (Medical Faculty).
- Sept. 1. 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.
2. W.—Lectures (Law Faculty) begin.
4. F.—Meeting of Senate, 11 A. M.
- " Meeting of Faculty of Arts 11 A. M.
7. M.—Last day for giving notice of Supplementary and Special Examinations (Arts and Science Faculties).
8. Tu.—3 P. M.—Registration of Candidates for Matriculation and Scholarship Examinations (Arts and Science Faculties).
9. 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.—R. E. A. M., Latin, 3 P. M., Greek.
10. Th.—Last day for receiving applications for Matriculation Examinations (Provincial Medical Board).
- " Arts and Science Matriculation and Scholarship Examinations continued:
 30 A. M., Geometry; 3 P. M., Arithmetic and Algebra.
 11. F.— 10 A. M., History and Geography.—3 P. M., English.
 12. Sa.— 30 A. M., French.—3 P. M., German.
 14. M.— 10 A. M., Chemistry.—3 P. M., Botany.
 " Supplementary Examinations (Arts, Science and Medical Faculties) begin, 10 A. M.
16. W.—Meetings of Faculties of Arts and Science, 9 A. M.
- " —COVOCATION, 3 P. M.—Opening Address by Rev. President Willes, Kings College, Windsor.
17. 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).
21. M.—Intimation as to elective subjects to be made by undergraduates of 3rd and 4th years, Arts Faculty, on or before this day.
24. Th.—Matriculation Examinations (Prov. Med. Board) begin at 9 A. M., at Medical College.
25. M.—Honors Matriculation Examination (Prov. Med. Board) (v. lated, and certificates issued.
- " —Registration and payment of Class Fees (Medical Faculty) 11 A. M.
30. W.—Lectures begin (Medical Faculty).
- Oct. 7. W.—Final Matriculation Examinations (Arts and Science Faculties) begin:
 3 P. M., English, History and Geography.
 8. Th.— 2 P. M., Classics and Modern Languages.
 8. F.— 3 P. M., Mathematics.
 10. Sa.— 10 A. M., Chemistry; 3 P. M., Botany.
 13. Tu.—Meeting of Faculties of Arts and Science, 1 P. M.

- Oct. 13, Th.—Meeting of Faculties of Arts and Science, 4 P. M.
 16, 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. 16, W.—Last day of lectures (Arts and Science Faculties).
 17, Th.—Christmas Examinations (Arts and Science Faculties) begin :
 8.45 A. M., Latin.
 11.15 A. M., French.
 2.30 P. M., Botany.
 18, F.—
 8.00 A. M., German.
 11.15 A. M., Mathematics (1st and 2nd years), Senior Physics.
 3.30 P. M., English 6th year, Moral Philosophy.
 22, M.—
 9.05 A. M., Political Economy, Junior Philosophy.
 11.15 A. M., English (2nd, 3rd and 4th years).
 3.30 P. M., Chemistry (Inorganic and Organic), Senior Philosophy.
 22, Tu.—
 9.00 A. M., Greek.
 11.15 A. M., History (4th year), Jan. Physics, App. Mechan.
 3.30 P. M., Mathematics (1st and 2nd years), History (2d year).
- 22, W.—No lectures.—Christmas Vacation begins.

1897.

- Jan. 6, W.—Lectures resumed.
 29, F.—Meeting of Senate, 4 P. M.
- Feb. 15, F.—Last day of Lectures (Law Faculty).
 15, M.—Sessional Examinations (Law Faculty) begin :
 10.00 A. M., Constitutional History, International Law.
 2.30 A. M., Constitutional Law, Shipping.
 16, Tu.—
 10.00 A. M., Crimes, Equity.
 2.30 P. M., Bills and Notes.
 17, W.—
 10.00 A. M., Torts, Procedure.
 2.30 P. M., Real Property (2d year).
 18, Th.—
 11.00 A. M., Partnership.
 2.30 P. M., Real Property.
 19, F.—
 10.00 A. M., Contracts, Conflict of Laws.
 March 1, M.—Last day for receiving M. A. Theses.
 3, W.—Ash Wednesday. No lectures.
 26, F.—Last day for receiving applications for Primary and Final M. D., C. M. Examinations.
- April 1, Th.—Last day of lectures (Faculty of Medicine).
 3, Sa.—Class certificates (Medical Faculty and Hfr. Med. Coll.) issued on presentation of class-fee receipts at Registrar's office, Ind. Coll., 11 A. M., and at Secretary's office, Hfr. Med. Coll., respectively.
 5, M.—Primary and Final M. D., C. M. Examinations begin :
 10 A. M.—1 P. M., Practical Chemistry (written).
 3—6 P. M., Pathology.
 6, Tu.—
 3—6 P. M., Junior Anatomy, Materia Medica and Therapeutics.
 7, W.—
 3—6 P. M., Medicine.
 8, Th.—
 10 A. M.—1 P. M., Junior Chemistry (Medical).
 2.30 P. M., Oral Exam., Nat. Med. and Therapeutics.
 " —Spring Examinations (Arts and Science Faculties) begin :
 10.00 A. M., History (2d year).
 3.00 P. M., Chemistry, Inorganic and Organic.

April 9, F.—Arts, Science and Medical Examinations continued :

- 8.45 A. M., Latin.
 11.15 A. M., French.
 2.30 P. M., Practical Physics.
 9.00 A. M., Practical Chemistry (Med. Fac.) Laboratory, 1st division.
 2.30 P. M., Practical Chemistry (Med. Fac.) Laboratory, 2nd division.
 3—6 P. M., Surgery, Histology.
 18, Sa.—
 9.00 A. M., Junior and Senior Philosophy.
 19, M.—
 10.00 A. M.—1.00 P. M., Physiology.
 22, M.—
 9.05 A. M., English (2nd, 3rd and 4th years).
 11.15 A. M., Additional French.
 3.00 P. M., Advl. Sen. Philosophy, Surveying.
 16.00 A. M.—1.00 P. M., Medical Jurisprudence, Hygiene.
 3—6 P. M., Senior Anatomy.
 18, Tu.—
 9.00 A. M., Botany (Arts and Science Faculties).
 11.15 A. M., Mathematics, Senior Physics.
 3.00 P. M., Additional Latin, Civil Engineering.
 19.00 A. M.—1.00 P. M., Oral Exam., Medical Jurisprudence and Hygiene.
 3—6 P. M., Obstetrics and Diseases of Women and Children, Botany.—Oral Exam., Senior Anatomy.
 18, W.—
 9.00 A. M., English (2d year), Advl. Junior Philosophy, Advl. English, (2d and 4th years).
 11.15 A. M., Political Economy, Mineralogy.
 3.00 P. M., Practical Chemistry.
 3—6 P. M., Senior Chemistry (Medical), Clinical Medicine at Victoria General Hospital.
 15, Th.—
 9.00 A. M., Greek, Mining.
 11.15 A. M., History (4th year), Jan. Physics, App. Mechanics.
 3.00 P. M., Additional Greek (2d and 3rd years).
 3—6 P. M., Oral Exams., Chemistry (Med.), Botany, Clinical Surgery at Victoria General Hospital.
 16, F.—Good Friday.
 17, Sa.—
 9.00 A. M., Mathematics, Advl. Senior Physics.
 11.15 A. M., Additional Junior Physics.
 3.00 P. M., Additional Greek (2d and 4th years), Additional English (1st and 2nd years).
 3.00 P. M., Oral Exams., Surgery, Medicine, Pathology, Obstetrics and Diseases of Women and Children, Physiology, Histology.
 17, Sa.—Meeting of Faculty of Medicine, 8 P. M.
 18, 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.
 20, Tu.—
 9.00 A. M., Additional Moral Philosophy.
 11.15 A. M., Additional German.
 3.00 P. M., Additional Political Economy.
 21, Sa.—Meeting of Faculties of Arts and Science, 10 A. M.
 22, M.—Meeting of Senate, 10.00 A. M.—Results of Examinations (Faculties of Arts and Science) declared.
 27, Tu.—Convocation, 3 P. M.

N. B.—The above dates of examinations are subject to modification. The date of the closing of lectures in the Arts and Science Faculties, and the dates of examinations in Special Courses, and of M. A. examinations, will be announced during the Session.

HISTORICAL SKETCH.

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. Scharbrooke, 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 expense 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—the courts of justice—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 expend 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 McCalloch, 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 McCalloch 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 1850, employed the funds of the University to support a High School.

In 1850, the Arts department of the Guelban 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 to 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 Shannson, 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 recommendation 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 or 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 nominees 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 Senatus 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 as a 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 afterwards 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 ten; 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 regulations and management thereof, on the same principle 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 if 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 1853, 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 1808, a Faculty of Medicine was organized, which, in 1875, developed into the Halifax Medical College. In 1885 the Faculty was re-organized.

In 1833 the Faculty of Law, and, in 1891, the Faculty of Pure and Applied Science, were added.

In 1879, the late GEORGE MUNRO, 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 Philosophy. From 1853 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 \$83,148.60, which, according to his own desire, were so offered for competitive as to stimulate to greater activity and efficiency the High Schools and Academies of Nova Scotia and the neighbouring 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 came to their help in the work of building up an sectarian University in Nova Scotia.

To conduct 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 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 to 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, the late 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 Prizes 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 \$1,000 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 heretofore 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. AVERT, 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. HANNAH ELIZABETH MACKENZIE, of 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 in the selection of beneficiaries therefor."

In 1890, by the will of the late JOHN P. MORR, 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. Stanley Brown, John Gibson, Esq., John P. Mott, Esq., Wm. P. West, Esq., Thomas

A. Ritchie, Esq., and Hon. Robert Bosk, \$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:—
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The following donations have been made from time to time to meet current expenses:—

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

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The Governors and Alumni are now endeavoring to raise an additional endowment and also a special five years; and 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, \$251 each; Sinclair & Patterson, \$240; Hugh McKeown, C. H. Cahoon, \$200 each; J. F. McLean, \$190; Israel Longworth, H. T. Torner, George Campbell, Mrs. J. R. Dickie, J. C. Mahon, H. R. Sutherland, Senator McKay, \$100 each; C. A. Robson, \$75; Dr. Burns, 60; Angus Chisholm, J. Heywood McInroy, 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. Lawrence, M. P. P., Wm. McDonald, W. H. Magee, F.S. II., \$50 each; Rev. Dr. McCulloch, Rev. T. Cumming, Rev. A. B. Dickie, Donald Grant, Harvey Graham, E. B. Smith, C. M. Dawson, G. Clark, J. P. Archibald, T. E. McLean, \$25 each; J. L. Jennison, \$20; H. W. J., \$10.

For Current Expenses—John Dill, and Adam Burns, \$2,500 each; W. J. Stairs, and Hon. R. Beak, \$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 & Melness, D. A. Campbell, M. D., Prof. D. A. Murray, \$300 each; R. L. Burden, Rev. John McMillan, J. C. Mackintosh, \$250 each; J. A. Turnbull, A. H. McKay, LL.D., and Prof. Litchie, \$250 each; Geo. Campbell, M. D., \$150; W. Dennis, H. W. Burns, W. J. McDonald, \$125 each; James Thompson (Pictou), J. McG. Stewart, J. H. McKenzie, A. K. McKean, W. D. Cameron, G. S. Campbell \$100 each; E. M. McDonald, R. L. Schwartz, \$75 each; C. M. Blanchard, Charles Morish, Thos. Notting, E. P. Allison, James D. McLean, Prof. A. G. Laird, Prof. J. E. Creighton, Anderson Rogers, Victor Frasse, H. Mellich, T. K. Cahoon, A. S. Mackenzie, H. B. Stairs, George Patterson, J. A. Mackinnon, G. E. Fankler, \$50 each; Rev. G. M. Grant, H. S. Congdon, A. M. Morrison, Andrew Cluney, Miss Ida G. McDonald, Miss Wiens Loebl, W. S. Thompson, Holey Ross, Edward Annand, George E. Ross, Rev. G. S. Carson, P. C. C. Mooney, V. J. Paton, C. W. Lutz, 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 (proceeds of courses of lectures), \$245; Prof. A. MacEachan (proceeds of courses of lectures), \$300; Faculty of Arts, \$220; Alumni Association, \$95.19; English Class (proceeds of dramatic recitals) \$69.44; Friend of the College, \$75; H. Melness, LL.B., \$40; Class of '94 \$40; Lecturers on Etymology, \$48; Philomathic Society, \$20; Class of '97, \$53; Class of '05, \$30; S. A. Morton, Esq., M. A., \$12.

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

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In Memory

or

GEORGE LAWSON,

Ph. D., LL. D., F. I. C., F. R. S. C.,

who

Was born at Newport, Fifeshire, Scotland,
on October 12th, 1857,

Was appointed to the Professorship of Chemistry and
Mineralogy in 1903,

Discharged the duties of his Professorship and of the
Lectureship in Botany for thirty-two years,

And died on November 18th, 1915,

Deeply Regretted

by

His Colleagues and His Students.

In Memoriam.

GEORGE MUNRO,

DIED, NEW YORK, APRIL 24, 1896.

The Governors of Dalhousie University desire to put on record their deep sense of the loss sustained in the death of GEORGE MUNRO, the most magnificent of our benefactors.

Born in Pictou, Nova Scotia, and educated at Pictou Academy, George Munro devoted his early years to teaching in his native county. His reputation as a teacher led to his being appointed Head-master of the Free Church Academy in this city, where he continued till 1856. In that year he removed to New York where he soon became a successful publisher of popular books and periodicals. He never ceased to be interested in his native land, especially in its educational institutions.

In 1879, and subsequent years, he responded most liberally to appeals on behalf of the University, and endowed successively five Professorial Chairs, namely, the Chair of Physics, the Chair of History and Political Economy, the Chair of Constitutional Law, the Chair of English, and the Chair of Philosophy. During the same period he provided for scholarships, exhibitions, and tutorships. In the course of fifteen years, he gave \$20,000 for the benefit of the institution.

Thus the obligations under which Mr. Munro has placed our University, and through it the whole community, are incalculable. From a condition in which its continued existence seemed to many to be in question, Mr. Munro so strengthened and vivified Dalhousie that it has taken rank with the most efficient seats of learning in Canada. The example of his munificence has not been without effect in securing large benefactions to other Universities that but recently were in depressed circumstances.

Mr. Munro at the time of his death, which occurred suddenly in New York, was in the seventieth year of his age. His whole life was marked by industry, perseverance, and the success that crowns devotion to duty. From first to last he was a student and an student-like, watching with keen interest the changes and improvements that have come with the passing years.

Devotely thankful for such a friend and benefactor, it is the earnest hope of the Governors that the splendid example of George Munro, commemorated and celebrated annually by the students, may serve to stimulate all the Alumni and friends of Dalhousie to a similar manifestation of active interest in the prosperity not of this institution only, but of the sacred cause of education throughout our whole country.

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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*: Virgil, *Æneid*, Book VI.; *Sallust, *Conspiracy of Catiline*. Latin Prose Composition. Exercises in Sight Translation. Roman History to the battle of Actium.

Books recommended: Cicero, *Orations against Catiline*, (Wilkins's, Macmillan, N. Y., 60 cents). Virgil, *Æneid*, Book VI. (Page's, Macmillan, N. Y., 40 cents). Sallust, *Conspiracy of Catiline*, (Turner's, Longmans, N. Y., 20 cents). Bradley's *Arnold's Latin Prose Composition*, *Smith's Smaller History of Rome*, (Harper's, N. Y.). Bennett's *Latin Grammar*, (Allyn & Bacon, Boston, 30 cents), or Allen and Greenough's, (Ginn, Boston, \$1.20).

*For private reading by students seeking First or Second Class Distinction.

Passages for translation at sight will be set in all examinations.

Second Year Latin Class.

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

Subjects of study:

Livy, Book I; Horace, *Odes*, Books I and II; *Horace, *Odes*, Books III and IV. Latin Prose Composition. Exercises in Sight Translation. Grecian History to the death of Alexander.

Books recommended: Livy, Book I, Stephens's (containing vocabulary and notes), Macmillan, N. Y., 40 cents; or Bohn's (text with indicated quantities), Allyn & Bacon, Boston, 25 cents. Bohn's text is recommended for use in class. Horace, *Odes*, (Page's), in Macmillan's Classical Series, each book 30 cents, or Books I—IV, in one volume, \$1.25. Bradley's *Arnold's Latin Prose Composition*, and North and Hillard's *Latin Prose Composition*, Houghton, Mifflin & Co., London, 3s. 6d.; Smith's *Reader's History of Greece*, Harpers, N. Y.

Third and Fourth Years Latin Class.

Mondays and Wednesdays, 12 M.—1 P. M.

Subjects of study:

Tacitus, *Historiae*, Book I; Horace, *Satires*, (selected); *Cicero, *Pro Cluentia*. Latin Prose Composition. Exercises in Sight Translation.

Books recommended: Tacitus, *Historiae*, Book I, Godley's, Macmillan, N. Y., 75 cents; Horace, *Satires*, (Palmer's), Macmillan, N. Y., 64.25; Cicero, *Pro Cluentia*, (Harnay's), Macmillan, N. Y., 90 cents.

First Year Greek Class.

Tuesdays and Thursdays, 10—11 A. M.

Subjects of study:

Xenophon, *Hellenica*, Books I and II; *Xenophon, *Symposium*. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Xenophon, *Hellenica*, Books I and II, Underhill's, Macmillan, 75 cents; Xenophon, *Symposium*, (Wiman's), Allyn & Bacon, 50 cents. Fletcher and Nicholson's *Greek Prose Composition*, Sonnenschein's *Greek Anecdotes*, published by Swan Sonnenschein & Co., London, 2s.1; or Goodwin's *Greek Grammar*, Hain & Co., Boston, \$1.65.

Second Year Greek Class.

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

Subjects of study:

Homer, *Odyssey*, Book IX; Lysias, *Oratione*, (selected); *Demosthenes, *Olynthica*. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Homer, *Odyssey*, Book IX, Edwards's, Macmillan, 60 cents; Lysias, *Selected Oratione*, (O'Brien's), Allyn & Bacon, Boston, \$1.00; Demosthenes, *Olynthica*, (Abbott & Matheson's), Macmillan, N. Y., 55 cents; Fletcher and Nicholson's *Greek Prose Composition*.

* For private reading by students seeking First or Second Class Distinction. Passages for translation at sight will be set in all examinations.

Third and Fourth Years Greek Class.

Tuesdays and Thursdays, 12 M.—1 P. M.

Subjects of study:

Demosthenes, *Philippica*, I—III; Euripides, *Medea*; *Homer, *Iliad*, Books I—III. Greek Prose Composition. Exercises in Sight Translation.

Books recommended: Demosthenes, *Philippica*, (Abbott & Matheson's), Clarendon Press, 2s. 6d.; Euripides, *Medea*, (Verrill's), in Macmillan's Classical Series, 60 cents; Homer, *Iliad*, Books I—III, (Seaford's), Ginn & Co., Boston, \$1.50.

Advanced Class.

Professor, HOWARD MURRAY, B. A.
Lecturer, J. W. LOGAN, B. A.

Twice or three times a week.

In this class a portion of the Latin and Greek subjects prescribed for the Special Course in Classics is read, and Prose Composition is regularly practised.

II.—MODERN LANGUAGES.

(McLeod Professorship.)

Professor, JAMES LICHTL, M. A.

First French Class.

Tuesdays and Thursdays, 3—4 P. M.

Subjects of study:

Macmillan's *Progressive French Reader*, II year, (Fasnacht), Moitte; *Le Bourgeois Gentilhomme*, Macmillan & Co.'s. Scribe; *Bataille de Denes* (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 Octavo Feuillet; *Le Roman d'un jeune homme pauvre*, First nine chapters.

Text Books: Brauer'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, 1—3 P. M.

Subjects of study:

For 1800-07: Molière; *L'Avare*, Racine; *Esther*, Ponsard; *Charlotte Corley*, or *L'Honneur et l'Argent*, Macmillan & Co.'s. Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French Composition by C. H. Grandgent (D. C. Heath & Co., Boston).

* For private reading by students seeking First or Second Class Distinction. Passages for translation at sight will be set in all examinations.

For 1897-98, Molière: *Les Précieuses Ridicules*, Racine: *Athalie*, Macmillan & Co.; Corneille: *Cinon*, Translation from English writers. Exercises in Syntax. Translation of unspecified passages from modern authors. French Composition, as for 1895-96.

Molière's *Misanthrope* (Macmillan & Co.), and either Madame de Staël's *L'Aussançois*, 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 (Stansbury's Primer).

Third and Fourth French Classes.

Tuesdays and Thursdays, 9-10 A. M.

Subjects of study:

For 1896-97, Molière: *Les Femmes savantes*, Racine: *Œdipe à Colonne*, Corneille: *Le Cid*, (Macmillan & Co.). Translation from English writers. French Composition, 1st course, by Eugène Fasnacht (Macmillan & Co.), Translation of unspecified passages from modern authors.

For 1897-98, Corneille: *Horace*, Racine: *Phèdre*, Molière: *Le Médecin malgré lui*. Translation from English writers. French Composition, 1st course, by Eugène Fasnacht (Macmillan & Co.). Translation of unspecified passages from modern authors.

Molière's *Tartuffe*, Acts I and II, (Macmillan & Co.), and either Victor Hugo's *Les Travailleurs de la Mer*, Chapters I to V (incl.) (Livington's), or Madame de Staël's *Corinne ou l'Italie*, livres I to V (incl.), are prescribed for private reading to candidates for a First Class position. Fourth French: Molière: *École des maris* and *École des femmes*, (1 Act of each).

Text Books: As in Second Class. Masson: *Littérature française*.

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 Höllern: *Bücher als die Kirche*, (Hentz & Co.), or Schiller: *Wilhelm Tell*, II and III Acts. Exercises in Grammar and Composition. Elementary German Prose Composition, by E. S. Buchheim, (Clarendon Press).

Text Books: Waltzay'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 1896-97, Goethe: *Egmont*, Schiller: *Maria Stuart*, (Macmillan & Co.). Translations from English writers. Original Compositions. Translations of unspecified passages from

modern authors. Buchheim's *German Prose Composition* (Clarendon Press).

For 1897-98, 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 *German Prose Composition* (Clarendon Press).

Schiller's *Jungfrau von Orléans*, 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 A. H. Seis, Ph.D. (Longmans, Green & Co.).

Third German Class.

Mondays, Wednesdays, and Fridays, 9-10 A. M.

Subjects of study:

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

For 1897-98, Lessing: *Minna von Barnhelm* (Macmillan & Co.), Goethe: *Œdipe auf Teurais*. 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.

Fourth German Class.

Twice a week.

Subjects of study:

Schiller: *Lyrische Gedichte*, Goethe's *Faust*, Part I, (by Jane Lee; Macmillan & Co.). Prose Composition. Translation of unspecified passages from modern authors. German Literature.

Private reading for a First Class position: Schiller's *Wallenstein's Lager*, and Lessing's *Sarah Sampson*, or Schiller's *Geisterseh*.

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.

1896-97, Middle High German: Grammar (Wright's Middle High German Primer). Selections from Wackernagel's *Kleineres Altddeutsches Lesebuch*. Selections from authors of the 18th century. Prose composition.

1807-08. Middle High German: Grammar (Paul's Grammar), Selections from Wackernagel; Kleineres Altddeutsches Lesebuch. Selections from Swiss and Plattdeutsches 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 MACMURCHAN, 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 text 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; and 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. (Miscellany; Samuel Johnson). Poetry:—Dryden: MacFlecknoe, St. Cecilia's Day, Alexander's Feast. Pope: Rape of the Lock. Gray: Elegy in a Country Churchyard. Goldsmith: Traveller. Deserted Village. Burns: Two Dogs, Cotter's Saturday Night.

For reference: Gosse: History of Eighteenth Century Literature.

Candidates for Class Distinction will be examined in 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 edited by Dryden; Hale's Larger 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. Shakespeare: Richard III, Coriolanus, Windsor's Tale. 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: King John, Romeo and Juliet, As you Like It, Tempest.

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.—Middle English, and Pre-Shakespearean.

1806-07. Chaucer: Prologue, Knights Tale and Noms Preestes Tale. Sweets's Middle English Primer, II. Spenser: Faerie Queene, Bks. I, II. Marlowe: Dr. Faustus. Lectures. History of Literature: Morley: English Writers, V.

For Distinction. Chaucer: Minor Poems, The Prioresse's Tale, Sir Topas, The Monk's Tale, The Clerkes Tale, The Squires Tale.

LITERATURE.—Nineteenth Century.

1807-08.—Scott: Old Mortality, Marston. Byron: Poems selected and edited by Matthew Arnold. Wordsworth: Poems selected and edited by Matthew Arnold. Tennyson: The Lady of Shalott, Oenone, Lotus-Eaters, A Dream of Fair Women, Morte d'Arthur, Dea, Sir Galahad, The Lord of Burleigh, Ulysses, Oak on the Duke of Wellington. Browning: My Last Duchess, Last Lender, Andrea del Sarto, The Bishop Orders his Tomb, Epistle of Karshish, The Italian in England, Ruakin. Sesame and Lilies. Carlyle: Sartor Resartus.

History of Literature: Saintsbury.

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

Advanced Class.

Three times a week.

Development of English Language and Literature to the year 1500, with special study of select works in Elizabethan drama and prose. (3 vol., 6s.)

IV.—HISTORY AND POLITICAL ECONOMY.

(George Munro Professorship).

Professor.....REV. PRESIDENT FORBES.

Third Year History Class.

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

Subjects of study:

Medieval 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; Gibbon's History of Civilization; Michael'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); Mezerai's Germany; Meley'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 1601 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.; Mondays and Fridays, 4—5 P. M.

The work of this class will consist of two courses of lectures, one in Logic, the other in 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: Mill's *Logic*, or Fowler's *Deductive and Inductive Logic*, or Jevons' *Elementary Lessons in Logic*; Mill; *System of Logic*; Baldwin; *Elements of Psychology*, or James' *Psychology* (under course). Students especially interested in education are recommended to read Bully's *Teachers' Hand-Book to Psychology*. For Education Class, see course in Science Faculty 4 XXXV. Reading for Distinction—Berkeley's *Theory of Vision*, *Diatribe Fused Language*, *Principles of Human Knowledge*, 1-132 with *Francis's Introduction*, Bouquet; *Elements of Logic*.

Senior Philosophy.

*Mondays and Wednesdays, 10—11 A. M.*This course of lectures is intended to serve as an introduction to Metaphysics. After a preliminary sketch of the principal problems of Metaphysics, the development of modern Philosophy from Locke is taken up. Locke's *Essay*, Berkeley's *Principles of Knowledge and Siris*, and Hume's *Treatise* are discussed somewhat minutely.*Books:* Seth (A.); Scottish Philosophy; Bryce; *Spirit of Modern Philosophy*; Locke; *Essay* (Francis's Edition); Berkeley; *Scientiæ by Francis Hume*; *Treatise*, edited by Green & Grose; and *Inquiry*; Hald; *Works* (ed. by Hamilton) and *Inquiry* (Smith's Extracts); Blackwood's Philosophical Classics; Erdmann's, or Windelband's, or Vaihinger's, or Schweigger's *History of Philosophy*.

Moral Philosophy.

Monday and Friday, 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 Theory of Ethics and the History of Ethics, in Greece and in Great Britain.

For 1896-97. The development of Ethical theory from Socrates to Epicurus, and from Hobbes to Green will be considered. *Plato's Republic*, Aristotle's *Ethics*, Butler's *Sermons*, Mill's *Utilitarianism*, and Spencer's *Data of Ethics* will be discussed somewhat minutely.

Books: Sidgwick; *History of Ethics*; Ferriss; *Greek Philosophy*; Zeller; *Socratic and Scientific Schools*; Plato and *Other Ancient Schools* and *Historians*; Peter; *Plato and Platonism*; Wallace; *Interpretation*; Jowett's or Davies & Vaughan's *Translation of the Republic*; Peter's; *Translation of Aristotle's Ethics*; Martineau; *Types of Ethical Theory*; Watson; *Hedonistic Theories*; Sully; *Ethics of Naturalism*; Williams; *Evolutional Ethics*; Schurman; *Ethical Aspect of Darwinism*; Hobbes; and Butler in Blackwood's Philosophical Classics; Mackintosh; *Ethical Philosophy*.

Reading for Distinction: Green; *Prolegomena to Ethics*, Books I. & II.

For 1897-98. The subjects will be:

THE MORAL IDEAL.—A critical study of the Hedonistic, Rationalistic and Eudaimonistic Theories of the content, form and development of the Good.

THE METAPHYSICAL 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 relation to morality.

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

Books recommended: Dewey; *Outline of Ethics*; Muirhead; *Elements of Ethics*; Mackenzie; *Manual of Ethics*; Clarke Murray; *Introduction to Ethics*; Taylor; *Right of the State to It*; Spencer; *Justice*; Sidgwick; *Methods of Ethics*; D'Arcy; *Short Study of Ethics*; Dewey; *Study of Ethics*.

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

Metaphysics.

Tuesday and Thursday, 3-4 P. M.

For 1893-97. The subject of this course will be the development of Empiricism from Hume to Spencer. Comte's *Positive Philosophy*, Selections from Mill's Works, and Spencer's *First Principles* will be studied critically.

Text Books: Caird's *Social Philosophy of Comte*; Douglas; John Stuart Mill; Watson; *Comte, Mill and Spencer*; Green; *Philosophical Works*, Vol. I and II.

For 1897-98, 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 Müller; *Critique of Pure Reason*; Abbott; *Theory of Ethics*; Bernard; *Critique of Judgment*.

The following Compendiarium and Expositions are recommended: Suringer's *Text-Book to Kant*; K. Fischer; Kant; Caird; *Critical Philosophy*; Watson; Kant and his English Critics; Adanson; *Philosophy of Kant*; Mackenzie and Bernard; *Prolegomena*; *Critique 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 -1 ; Proportion, Inequalities, Indeterminate Equations, Variations, 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 Wednesday 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 the Wednesday class.

Books recommended: Colenso's or Toddhunter's or Delphin's *George Bell & Sons*, Elements of Euclid, Hall & Knight's Elementary Algebra, Toddhunter's Algebra, or Hall & Knight's Higher Algebra. (The latter book is recommended to those who wish to pursue advanced work. Toddhunter'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 Examinations, 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; Cocksfoot & 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; uses of the Binomial Theorem; Properties of Logarithms; Compound Interest and Annuities; 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: Algebra—Tolluauer's or Hall & Knight's (best); Locke's Plane Trigonometry; Cookson and Walter's Geometrical Conics (Macmillan & Co.); Chambers's Logarithms, &c., Tables. For Higher Division; Tolluauer's Spherical Trigonometry.

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 Tolluauer's Conic Sections; Tolluauer's Theory of Equations, Williamson's Differential Calculus; Williamson's Integral Calculus; Tolluauer'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; Tolluauer's Analytical Statics; Woolsey Johnson's Differential Equations, (Macmillan & Co.)

*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.

VII.—PHYSICS.

(George Munro Professorship.)

Professor J. G. MacGibbon, 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; 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 are held at unspecified dates.

Books recommended: Students who aim at Distinction will be expected to read, in connection with the lectures, the following books: Loney's Mechanics and Hydrostatics for Beginners (Pit Press, Garnett's Elementary Treatise on Heat (Doubleday, Hall & Co.); Deschanel's Natural Philosophy, Part IV.; Sound and Light (Doubleday, Hall & Co.); and Cumming's Electricity Treated Experimentally (Ditson). Other standard works are recommended to read at least Experimentally (Ditson). Other standard works are recommended to read at least Loney's Mechanics, and Stewart's Lessons in Elementary Physics (Macmillan & Co.). Illustrative problems may 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 1890-91.—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.

In 1897-98.—Heat, including a discussion of heat engines, and Electricity and Magnetism, including a discussion of dynamo-electric machines. Students will be referred to 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.).

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 1896-97.—Thermodynamics, and Electro-dynamics (including Electrostatics).

In 1897-98.—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.

Books recommended: Tall and Steele's Dynamics of a Particle (Macmillan & Co.), Todhunter's Analytical Statics (Macmillan & Co.), Alder's High Dynamics (Deighton, Bell & Co.), Bowen's Hydrostatics (Deighton, Bell & Co.), Baines' Thermodynamics (Clarendon Press), Langford's Mathematical Theory of Electricity and Magnetism (Clarendon Press), and Mascart and Joubert's Electricity and Magnetism, Vol. I. (de la Rue & Co., London).

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: Tall's Properties of Matter (A. & C. Black), Poynter's Manual of Physics (Baillière, Tindall & Co.), Glazebrook's Physical Optics (Longmans, Green & Co.), Stewart's Treatise on Heat (Clarendon Press), Zanussi's Electricity and Magnetism (Macmillan & Co.), Osward's Outlines of General Chemistry (Macmillan & Co.), Helmholtz's Precision of Measurements (John Wiley & Sons), and various original papers.

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 lists 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 & Gray's Elementary Practical Physics (Macmillan & Co.), Ayrton's Practical Electricity (Hassell & Co.), Kohlrausch's Physical Measurements (J. & A. Churchill), Nichol's Laboratory Manual of Physics and Applied Electricity (Macmillan & Co.), Osward's Physics-Chemical Measurements (Macmillan & Co.) and Armstrong's Suggestions for a Course in Physical Science (Harpur British Association for 1898).

VIII.—CHEMISTRY.

*(McLeod Professorship.)**

Professor.....

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; Formulae. 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.

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. Benzole and related Acids, Indigo, &c. Natural Alkaloids. Albumen, Urea.

Chemical Laboratory.

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

* Further announcements of text-books, &c., to be made at the opening of the Session.

their first Laboratory course are requested 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 especially 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.

QUANTITATIVE ANALYSIS.—Instruction is provided in Quantitative Analysis, for Students taking the Special Course 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.

IX.—BOTANY.

Professor.....

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 Tissue, the phenomena of Growth, Reproduction, general Life History, and Plant Movements. Also Classification, as illustrated by the leading Natural Orders of North American Plants.

§ II.—**The Academic Year.**—The Academic year consists of one Session. The Session of 1896-7 will begin on Wednesday, 9th September, 1896, and end on Tuesday, 27th April, 1897.

§ 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. Candidates for the higher degrees in attendance on classes are known as Graduate Students. All others are known as General 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. For conditions of exemptions, see §§ v, vi.

(4.) Undergraduates of other Universities may, on producing satisfactory certificates, be admitted *ex aequo status* 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, and in the case of all degrees extend over four years; except for such students as have passed the Senior Matriculation Examination. 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 1806, *Cæsar*—Gaulic War, Book I, and *Vergil*—Æneid, Book I. (For 1807, (a) *Cæsar*—Gaulic War, Book I, and *Vergil*—Æneid, Book II. (b) Short and easy passages for sight translation.

Composition: Such a knowledge as may be gained from Collar and Daniell's *Beginner's Latin Book*, and the first eighteen exercises of *Bradley's Arnold's Latin Prose Composition*.

Grammar: As in *Bennett's Latin Grammar*, or *Allen and Greenough's*.

GREEK.—Translation: (For 1806, *Xenophon*: *Anabasis*, Book III.

(For 1807, (a) *Xenophon*: *Anabasis*, Book IV. (b) Short and easy passages for sight translation.

Composition: Such a knowledge as may be gained from *Frost's Greek Primer*, and the first fifteen exercises of *Fletcher and Nicholson's Greek Prose Composition*.

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 Karawane*, (Cambridge University Press); or *Buchstein'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*, *Shakespeare*: *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 shown 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 § XX.) In this examination the same two languages must be taken as in the *Ordinary* examination.

LATIN.—Translation: (a) (For 1806, *Cæsar*: *Gaulic War*, Books I and VI, and *Vergil*, *Æneid*, Book I. (b) A prose passage taken from a book not prescribed. *Composition*: *Arnold's Composition* by *Bradley*, *Exx. 1-14*. *Grammar*: As in *Allen and Greenough's*.

GREEK.—Translation: (a) (For 1806, *Xenophon*: *Anabasis*, Books III, IV; (b) A prose passage from a book not prescribed. *Composition*: *Fletcher and Nicholson's Composition*, *Exx. 1-28*. *Grammar*: as in *Goodwin's*.

In 1807 the subjects for examination in Latin and Greek will be those laid down in § V., 1.

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

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

The above examination may be conducted partly *in* *ex* *oc*.

(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 the whole or 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 7th-10th); 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 9th-14th, 1896. For the benefit of candidates unable to present themselves on these days, an opportunity will be granted of appearing for examination on October 7th-10th. 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:

1 and 2.—Two of the following: Latin, Greek, French, German:

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. They may select as the second subject either Latin or Greek.

LATIN.—(1896). *Cæsar*, Gallic War, Book I., and *Vergil*, *Æneid*, Book I., together with [*Cicero*, Orations against *Catiline* and *Vergil*, *Æneid*, Book V.], or [*Cicero*, First Oration against *Catiline*, and *Sallust*, Conspiracy of *Catiline*.]

(1897). *Cicero*, First Oration against *Catiline*; *Sallust*, Conspiracy of *Catiline*; *Tacitus*, *Histories*, Book I.; *Vergil*, *Æneid*, Book VI.

GREEK.—(1896). *Xenophon*, *Anabasis*, Book III., together with *Lucian*, *Charon* and *Timon*; or *Demosthenes*, *Philippics*, 1-III.

(1897). *Xenophon*, *Hellenica*, Books I. and II.; *Demosthenes*, *Philippics*, 1-III.

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.

FRENCH.—*Voltaire*: Charles XII., Books I., II., III.; *MacMillan's Progressive French Reader*, II. Year; *Molière*: *Le Bourgeois Gentilhomme*; *Scribe*: *Bataille des Dames*; *Grammar* (*Brasch* Public School Grammar), Composition.

GERMAN.—*Hauff*: *Die Karawane*, or [*Ruchheim German Reader*, Part I.]; *Buchheim*: *German Reader*, Part II; *Schiller*: *Wilhelm Tell*; *Grammar* (*Whitney*): Composition.

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

3. MATHEMATICS.—*Algebra*: Invention, 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.

4. 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*, *Shakespeare*: *Coriolanus*, *Longfellow*: *Eclogue-line*, *Scott*: *The Lady of the Lake*.

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

History and Geography.—Outlines of English and Canadian History, and General Geography.

5. **INORGANIC CHEMISTRY.**—General Principles. Chemical Affinity. Laws of Combination, by weight. Define Proportions. Equivalents. Law of Multiple Proportions. Combination. Gay-Lussac's Laws. Law of Specific Heats. Atomic Theory. Nomenclature: Notation: Formulae. 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.

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 electives entering on the Third Year.

The examination may be conducted partly *visu voce*.

N. B.—This examination is prescribed for candidates for Senior Scholarships.

(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 objects 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 Office 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 9th—14th, 1896. For the convenience of candidates unable to appear on these days, an opportunity will be granted of appearing for examination on October 7th—10th. 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 (§ § 1, xxv., and xlvi.)

First Year.

1. For B. A.—Latin. For B. L.—German or French.
2. For B. A.—Greek, or French or German. For B. L.—The modern language not selected as subject 1, or Latin or Greek.
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. A.—The language selected as subject 1 in the First Year.
2. For B. A.—The language chosen as subject 2 in the First Year. For B. L.—The language selected as subject 2 in the First Year.
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 be taken during the first two years. *For B. L.*—Either of the languages selected in the First and Second Years.

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

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 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. If the Hebrew Class be one of five hours a week, attendance on it will exempt from both subjects 4—5, and students taking such a class in the Third Year may postpone to the Fourth Year one of the subjects 1, 2, 3.

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.

* so far as the provisions of the Time Table permit.

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* (Senior Chemistry, Medical Faculty), *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*—

- | | |
|-----------------------|----------------------------|
| a. Latin. | ss. Senior Physics. |
| b. Greek. | xx. Practical Physics. |
| c. Hebrew. | o. Organic Chemistry, or |
| d. French. | Senior Chemistry (Medi- |
| e. German. | cal Faculty). |
| f. English. | p. Practical Chemistry. |
| g. History. | q. Botany. |
| h. Political Economy. | r. Education. (History and |
| i. Ethics. | Theory. Science Fac- |
| j. Senior Philosophy. | ulty). |
| k. Constitutional Law | s. Physiology. (Faculty of |
| (Law Faculty). | Science). |
| l. Contracts | |
| (Law Faculty). | |

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 will permit.

subjects *a*, Senior Chemistry (Medical Faculty), and *s*, or either of those together with subjects *p* and *q* in the Fourth Year. But he will not be allowed to take those 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, *a*, *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., XXXI.
Tacitus: Agricola; Annals, Book II.

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:—

Plautus: Menæchmi, and Aulularia.
Terence: Andria, and Heautontimorumenos.
Cicero: Select Letters, (Muirhead's edit., Longmans, London).
Tacitus: History, Books III., IV., V.

III. COMPOSITION.—Prose.

IV. LITERATURE.—Cruttwell's History of Roman Literature, selected chapters.

V. PHILOLOGY.—Pellé'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: Emменίδες.
Sophocles: Oedipus Rex.
Aristophanes: The Knights.
Homer: Odyssey, Books V., VI., VII., VIII.
Theoclydides: Book II.
Plato: Phædo.
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 Choephore.
Sophocles: Oedipus Coloneus, and Antigone.
Theoclydides: First and Seventh Books.
(Aeschylus: Contra Ctesiphontem, and
Demosthenes: De Falsa Legatione.

III. COMPOSITION.—Prose.

IV. PHILOLOGY.—Pellé'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 1801. *Bright, Anglo-Saxon Reader, Sivers, OE Grammar* trans. by Cook, Part II. *Morris, Specimens of Early English, L.*, 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.*

Mariotte, Edward II., The Jew of Malta, Tamburlaine, Webster, The Duchess of Malib, Greeces, Friar Bacon and Friar Bungay, Jonsons, The Alchemist, Every Man in his Humour, Beaumont and Fletcher, Philaster, The Knight of the Burning Pestle, Massinger, A New Way to Pay Old Debts, Shakespeare, The Tragedies, Two Noble Kinsmen. Part of this course is conducted by means of a Seminary.

Books recommended: History of Literature; Saintsbury, Brooks; Clarendon Press, "Miscellany," 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, Wolfram von der Vogelweide, Nibelungenlied, Gudrun, Wolftram von Eschenbusch, Freidank or Gottfried von Strassburg, Sebastian Brant (Wackernagel's Kleineres Aelndtisches 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.

(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. 1000-1080.

Books recommended: Green's History of the English People, Vol. 2; Liagar's History of England, Vols. 8-9; Hallam's Constitutional History of England, Chap. VI.-XIV.; Haake'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 Eliot; Baynes'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 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, 300-375, 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: Theatetus and Republic.

Aristotle: Metaphysics, Book I., and Ethics.

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

Berkeley: Principles of Human Knowledge and Sira (as in Fraser's Selections).

Hume: Human Nature, Vol. I.

Reid: Inquiry into the Human Mind.

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 (in part).
Bradley: Principles of Logic (in part).
Green: Prolegomena to Ethics.
Hegel: Logic, Chaps. I.-vi. (Wallace's Translation).
- V. Any one of the following:—
1. History of Philosophy from Descartes to Leibnitz. Descartes: Method, Meditations and Principles; Spinoza: Ethics; Caird: Cartesianism (Encycr. 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 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 the 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 treatise 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. 125, 172, 238, 542, 632; Faraday's Experimental Researches in Electricity (Quart. Rev.), 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. 180-97.

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 (§ XIII) 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.

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.

§ 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 shown 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 Almshouse 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. 14th, 1896). 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 in each subject, but in the case of students failing in more than two subjects, the maximum fee shall be Five Dollars.

(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, the fees must be paid a second time.

(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 shall be subject to such penalty as the Faculty may see fit to impose.

§ XI.—Degrees with Distinction.—Degrees with Distinction will be conferred on undergraduates for special excellence shown 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 Distinctions 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 student's 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 shown at the Examinations in the subjects of such courses.

Successful candidates will be declared to have obtained their degrees, With Honours, 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, xvi.)

(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 these 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 in 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 Year 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.—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.

§ XV.—Medal, Prizes, Scholarships, and Bursary.

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

SIR WILLIAM YOUNG GOLD MEDAL.—Founded by bequest of the late Hon. Sir William Young, will be awarded to the

undergraduates standing highest among those taking Honours in the department of Mathematics and Mathematical Physics.

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, for membership in the North British Society. The next competition will take place in April, 1898.

THE WAVELL 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 of the Mathematics of the Year, the winner of the North British Society Bursary 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.

ENTRANCE SCHOLARSHIPS, BURSARY AND PRIZE.

(1) *Junior.*—The following Scholarships, Bursary and Prize are offered for competition at the Junior Matriculation Examination in the Faculties of Arts and Science, to students entering the First Year of the Faculties of Arts and Science.

(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 to the Faculty. The successful candidates will be allowed to select, in order of their standing, the scholarships which they shall hold. The Mackenzie bursar is not eligible.

(c) *One Mackenzie Bursary;* of the value of Two Hundred Dollars will be offered annually 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 thereof."

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.

(d) *The New Brunswick Alumni Prize* of the value of Fifty Dollars, which is offered by the New Brunswick Alumni Association of Dalhousie College, will be awarded in September, 1896, to the student from New Brunswick who stands highest, among those passing the Junior Matriculation Examination, whether With Distinction or not, 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 the Mackenzie Bursary.

(2) *Senior.*—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 the order of their standing, the scholarships which they shall hold.

§ 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 16th).

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 16th), 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.—**Degrees of Master of Arts and of Letters.** The degree of Master of Arts or of Letters will be conferred on a Bachelor of Arts or of Letters, respectively, 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. Fee to be remitted with notice.

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. 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.

The following courses have been recently prescribed for M. A. Examinations:

CLASSICS.

(a) GREEK.—*Aristophanes*—Clouds, Frogs. *Sophocles*—Ajax, Philoctetes. *Thucydides*—Books VI, VII. *Demosthenes*—Against Androtion, Against Timocrates, Against Leptines, On the Chersonese. Greek Prose Composition. Translation from Greek books not prescribed. Greek Literature.—A general knowledge of Greek Literature, with a more minute knowledge of the lives and works of the authors prescribed.

LATIN.—*Terence*—Andria, Phormio. *Virgil*—Elogues, Georgics II, III. *Tacitus*—Annals, Books III, IV. *Cicero*—Pro Cluentio, Pro Milone, Pro Murena, Philippic II. Latin Prose Composition. Translation from Latin books not prescribed. Roman Literature.—A general knowledge of Roman Literature, with a more minute knowledge of the lives and works of the authors prescribed.

(b) GREEK.—*Homæ*—Odyssey VII-XII. *Aeschylus*—Agamemnon. *Sophocles*—Ajax. *Aristophanes*—Frogs. *Demosthenes*—De Corona. *Aeschines*—Contra Ctesiphontem. *Isocrates*—Panegyric. Greek Prose Composition. Translation from Greek authors not prescribed. Greek Literature.—A general knowledge of Greek Literature, with a more minute knowledge of the authors prescribed.

LATIN.—*Lucretius*—Books III and V. *Virgil*—Elogues and Georgics. *Horace*—Odes and Epodes. *Juvenal*—Satires I, V, VII, XIV. *Cicero*—Pro Milone, Pro Murena, Pro Cluentio, Philippic II. *Livy*—Book V. *Tacitus*—Annals, Book IV. Latin Prose Composition. Translation from Latin authors not prescribed. Roman Literature.—A general knowledge of the Roman Literature, with a more minute knowledge of the authors prescribed.

(c) GREEK.—*Homæ*—Odyssey VII-XII. *Sophocles*—Oedipus Rex, Ajax. *Aristophanes*—Clouds, Frogs. *Plato*—Phædo. *Demosthenes*—De Corona. Greek Prose Composition. Translation from Greek books not prescribed. Greek Literature.—A general knowledge of Greek Literature, with a more minute knowledge of the lives and works of the authors prescribed.

LATIN.—*Cicero*—Pro Milone, Pro Murena, Pro Cluentio, Philippic II. *Tacitus*—Annals III, IV. *Juvenal*—Satires (Hardy's edition). Latin Prose Composition. Translation from Latin books not prescribed. Roman Literature.—A general knowledge of Roman Literature with a more minute knowledge of the lives and works of the authors prescribed.

N. B.—In future candidates for the degree of M. A. in Classics may present themselves for examination in any one of the following subjects:

1. Homer (*Iliad* or *Odyssey*); Hesiod; Aeschylus (*Agamemnon*, *Choephori*, *Eumenides*);

2. Aeschylus; Sophocles; Euripides (Bacchæ, Hippolytus, Iphigenia in Tauris).
3. Thucydides; Herodotus, (Books IV-VI).
4. Demosthenes, (The Deliberative and the Public Forensic Speeches); Aeschines, (Against Ctesiphon); Isocrates, (Panegyric); Lyias (Against Eratosthenes).
5. Plato, (Republic and Phædo); Aristotle, (Ethics and Poetics).
6. Vergil; Horace; Lucretius.
7. Plautus and Terence.
8. Cicero, (Epistulae ad Atticum, Philippics, De Officiis, De Finibus Honorum et Malorum).
9. Livy, (Books I-VIII); Tacitus, (Annals).

Candidates will be expected to have a general knowledge of the whole literature to which their subject belongs, together with a thorough knowledge of the lives and works of the particular authors studied. Prose Composition and Sight Translation from other authors in the language chosen will also form a part of the examination.

ENGLISH.

NEWMAN.—A general knowledge of English Literature between 1827 and 1845, and especially of the Oxford Movement. Church, *The Oxford Movement*; McCarthy, *History of Our Own Times*, I.; Liddell, *Life of Pusey*; Froude's *Remains*; Ward, *William George Ward and the Oxford Movement*; *Quarterly Review*, vol. 109, pp. 356-384.

Acquaintance with the following works: special attention being paid to the style. NEWMAN.—*Apologia Pro Vita Sua, Letters and Correspondence, Via Media, Loss and Gain, Callista, Idea of a University, Historical Papers*, (3 vols.). Selected Essays: Catholicity of the Anglican Church, John Keble; Poetry, Fall of De la Mennais. Selected Sermons, Poems on Several Occasions, *Dreams of Gerontius*. KEBLE.—*The Christian Year*. CLOUGH.—*Life and Poems*.

For reference: Ward's English Poets, Arts, Keble, Clough, Dowden, Studies in Literature, The Transcendental Movement, Edinburgh Review Essays, Pater, Apocryphals, Essay on Style, *Contemporary Review*, Aug. 1871; Jan. 1891; Sept. 1890; July, 1879; May, 1884; Dec. 1880; May, 1888. Sharp, Aspects of Poetry, pp. 438-444. Hutton, Theological Essays, II, 226-237. Bagshot, *Literary Essays*, 220-222.

ELIZABETHAN ENGLISH AND HISTORY.

ENGLISH.—*Morley*, Edward II, The Jew of Malta, Tamburlaine, *Walter*, The Duchess of Malfi, *Greene*, Friar Bacon and Friar Bungay, *Jowson*, The Alchemist, Every Man in His Humour, *Beaumont and Fletcher*, Philaster, The Knight of the Burning Pestle, *Massinger*, A New Way to Pay Old Debts, *Shakespeare*, The Tragedies.

HISTORY.—*Hume*, *Longford*, *Green*, *Rankin*, and *Froude* on the Period. *Hallam's* Constitutional History, *Stephens's* Notes on Dr. Selmes Rise and Progress of the English Constitution, *Morley's* Dutch Republic and United Netherlands, Consult *Hume* and *Tytler* on Mary, Queen of Scots, Read *Bennet*, *Van Kausser* and *Fisher* on English Reformation, *Maccarty's*

Views of Tudors in his first chapter. *Tutler* and *Burton* on History of Scotland. *Lucy Athen's* Memoirs of Elizabeth.

ENGLISH AND FRENCH HISTORY.

Tracing the progress and rivalry of the two nations from the accession of Louis XIV till present time. *Martin Henri*, Age of Louis XIV., *St Simon's* Memoirs of Louis XIV, France under the Regency, *Perkins*, *Carlyle's* Frederic the Great, *Tuttle's* History of Prussia, vol. 203. *Green's* England, Book VI. *May's* Constitutional History of England. *Parkman's* Old Regime in Canada, and Wolfe and Montcalm. *Lecky's* England in the 18th century. *Rosebery's* Life of Pitt. *Lovell's* Era of the Revolution. *Von Sybel's* History of the Revolution. *Dickens's* Tale of Two Cities. *Landfreg's* History of Napoleon. *Consul Schlosser's* History of 18th Century, and *Allison's* History of Europe.

GERMAN AND ENGLISH.

GOETHE: *Wahrheit und Dichtung*; *Iphigenia in Aulis*; *Faust*, Pt. I.; *Lowen's* *Life of Goethe*, *Schiller's* *Wallenstein's Tod*; *Lyricische Gedichte*; *Carlyle's* *Life of Schiller*; *Cassino*; *Minna v. Barnhelm*. BRÜHT: A. S. Reider; Aelfric, Homilies; Gospel of S. Luke.

PHILOSOPHY.

(a) History of Philosophy from Kant to Hegel.

HEGEL: *Logic* (trans. by Wallace). Seth: *From Kant to Hegel*; *Hegelism and Personality*. Wallace: *Prolegomena*.

SPINOZA: *Improvement of the Understanding*; *Ethics*. Pollock: *Spinoza*; *Martineau*; *Study of Spinoza*; *Caird*; *Cartesianism*; *Erdmann*; *Hist. of Philos.* Section v. Spinoza.

(b) EVOLUTIONAL ETHICS.—Darwin: *Origin of Species*; *Rombers*; *Darwin and After Darwin*, Vol. I, II; *Spencer*; *Data of Ethics*; *Stephens*; *Science of Ethics*; *Huxley*; *Evolution and Ethics*; *Schurman*; *Ethical Import of Darwinism*; *Watson*; *Helandic Theories*; *Seth*; *Evolution of Morality*.

IDEALISTIC ETHICS.—Green: *Prolegomena to Ethics*.

PHILOSOPHY OF RELIGION.—*Martineau*: *Study of Religion*; *Lotze*: *Philosophy of Religion*; *Caird*; *Introduction to Philosophy of Religion*; *Balfour*: *Foundations of Belief*; *Schurman*; *Belief in God*; *Smith*; *Christian Ethics*.

(c) HISTORY OF ENGLISH ETHICS.—*Sidgwick*: *History of Ethics*.

EVOLUTIONAL ETHICS.—*Darwin*: *Origin of Species*; *Spencer*; *Data of Ethics*; *Stephens*; *Science of Ethics*; *Alexander*: *Moral Order and Progress*; *Huxley*; *Evolution and Ethics*; *Williams*; *Evolutional Ethics* (in part); *Schurman*; *Ethical Import of Darwinism*; *Society*; *Ethics of Naturalism*; *Seth*; *Evolution of Morality*.

IDEALISTIC ETHICS.—Green: *Prolegomena to Ethics*.

PHILOSOPHY OF RELIGION.—*Martineau*: *Study of Religion*; *Lotze*: *Philosophy of Religion*; *Caird*; *Introduction to Philosophy of Religion*; *Balfour*: *Foundations of Belief*.

(d) **ETHICS.**—Both: *Study of Ethical Principles*; Mill; *Utilitarianism*; Spencer; *Data of Ethics*; Watson; *Hedonistic Ethics*; Green; *Prolegomena to Ethics*.

PHILOSOPHY OF RELIGION.—Martineau; *Study of Religion*; Caird; *Introduction to Philosophy of Religion*; Lotze; *Philosophy of Religion*; Balfour; *Foundations of Belief*; Schurman; *Belief in God*; Smith; *Christian Ethics*.

MATHEMATICS.

I. *Diff. Calculus.*—Lagrange's Theorem on Taylor's Theorem; La Grange's Theorem, Laplace's Theorem (Williamson, Chap. VII), Change of the Independent Variable, Maxima and Minima treated by Indeterminate Multipliers &c., (Williamson, Chap. XI).

II. *Integral Calculus.*—Differential Equations of the First Order and Degree, Singular solutions (omitting Riccati's and Euler's Eqs.); Clairant's Equations; Linear Equations of the *n*th Order. (N. B.—The equivalent of these is Woolsey Johnson's *Differential Equations*, 150 pages).

III. *Theory of Equations.*—Descartes' Rule of Signs; Limits of Roots of Equations; Sturm's Theorem.

IV. *The first Three Sections of Newton's Principia*, as translated by *Frost or Evans*. (About one-half of this.)

V. *Tredhunter's Spherical Trig.*, Chap. VII, Sections 83-82; and Chap. VIII, Sections 90-102 inclusive.

VI. *Conic Sections.*—Trilinear Coordinates, in so far as they are treated by C. Smith in his "Conic Sections," Chap. XIII. Envelopes.

VII. *Solid Geometry.*—C. Smith, Chapp. I, II, III. (Or *Aldis*: The subjects discussed in the first 80 pages).

N. B.—In the case of a candidate who has studied further in any of the above subjects than the above specified amounts, notice of the fact of such study ought to accompany the application to the Faculty for examination.

§ 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:—

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

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

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

M. L.—Black stuff, with lining of 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 entitled 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 in each subject, or (§ X. (4))	5 00
Special Examination Fee, payable on giving the notice required by § X. (7) in each subject	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	\$ 5 00
*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

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

Faculty of Pure and Applied Science.

THE PRESIDENT (*ex officio*).

C. MACDONALD, M. A.	J. LICHT, A. M.
J. G. MACGREGOR, D. Sc.	A. MACFHELAN, Ph. D.
M. MURPHY, D. Sc., C. E.	E. GILPIN, Jr., LL. D.
F. W. W. DOANE, C. E.	C. E. W. DODWELL, B. A., C. E.
R. MCCOLL, C. E.	W. C. MURRAY, M. A.
A. MCKAY, Esq.	A. W. H. LINDSAY, M. D.
I. M. SILVER, M. D.	S. A. MORTON, M. A.
C. ASCHBURN, M. E.	A. DEER, M. E.
H. W. JOHNSON, C. E.	W. T. KENNEDY, Esq.
	G. J. MILLER, Esq.

Dean of the Faculty: PROFESSOR MACGREGOR.

Registrar of the Faculty: PROFESSOR LICHT.

Correspondence should be addressed:—The Dean of the Faculty of Science, Dalhousie College, Halifax, N. S.

§ XXV.—Courses of Instruction.

L.—MATHEMATICS.

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

First Year Class.

Daily, 11 A. M.—12 M.

As in the Faculty of Arts (see § 1 (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 § 1 (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 § 1 (vii), 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:—Loney's Mechanics and Hydrostatics for Beginners, (Pitt Press), Garret's Elementary Treatise on Heat (Doighton, Bell & Co.), Deschanel's Natural Philosophy, Part IV—Sound and Light (Blackie & Sons), Cumming's Electricity Treated Experimentally (Livingtons), and Cotterill & Slade's Applied Mechanics (Macmillan & Co.). Illustrative problems may be found in Jones's Examples in Physics (Macmillan & Co.), Daniell's Principles of Physics (Macmillan & Co.) and Barker's Physics—Advanced Course (Macmillan & Co.) are also recommended.

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 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.

In 1897-98, 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 Thompson's Dynamo-electric Machinery (Spou), will be used as books of reference. Students will be expected to read, privately, specified portions of these works not treated in class.

Advanced Mathematical Physics Class.

As in the Faculty of Arts (see § 1 (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 1896-97: Either Thermodynamics or Electrodynamics.

For 1897-98: Kinematics and Dynamics of a particle and of a rigid body.

Advanced Experimental Physics Class.

As in the Faculty of Arts (see § 1 (vii), p. 30).

Practical Physics Class.

As in the Faculty of Arts (see § 1 (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.....

Inorganic Chemistry Class.

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

As in the Faculty of Arts, (§ 1 (viii), p. 31).

Organic Chemistry Class.

Mondays and Thursdays, 9—10 A. M.

As in the Faculty of Arts, (§ 1 (viii), p. 31).

Practical Chemistry.

In addition to the work sketched in § 1 (viii), p. 31, 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

*The syllabus of work to be done in the Chemistry classes may be modified on the appointment to the vacant Professorship of Chemistry and Mineralogy.

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.....

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. MACGIBBON, D. SC.

Tuesdays and Thursdays, 10—11 A. M.

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 1896-97. *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, such as *Cotterill's Applied Mechanics* (Macmillan & Co.) and *Lanza's Applied Mechanics* (J. Wiley & Son), will be used for reference.

In 1897-98. *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, such as *Cotterill's Applied Mechanics* (Macmillan & Co.).

*The syllabus of work in this class may be modified on the appointment to the vacant Professorship of Chemistry and Metallurgy.

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: *Angus' 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.

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.

*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 a course of reading under the supervision of the Lecturer.

IX.—SURVEYING.

Lecturers [H. McCALL, C. E., *Asst. Provincial Engineer.*
[H. W. JOHNSON, C. E., *Asst. City Engineer.*

Junior Class.

Once a week.

The subjects treated will be Chain and Angular Surveying; use and adjustment of Compass, Sextant, Level (Dumpy, Wye, &c.), Transit, Theodolite, Aneroid Barometer; Plotting; Topography and Contouring.

Practical operations will be carried on in the field, and will include (1) Survey with Compass and Chain, (2) Triangulation with Sextant, (3) Road traverse with Compass, Sextant and Chain, (4) Road traverse with Transit and Chain, (5) Contour Survey, (6) Survey with Transit and Level, (7) Cross-sectioning with Level, (8) Cross-sectioning with hand level and levelling rods, and (9) Ranging Curves.

Senior Class.

Once a week.

Preliminary Survey, Location of a Railway, Laying out Work, Calculating and Estimating Quantities, Hydrographic Surveying, Mining Survey.

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

X.—MINING.*

Lecturers [E. GILPIN, JR., A. M., LL. D.
[C. ARCHERDALE, M. E.
[A. DICK, M. E.

Three courses of about twelve lectures each will be given in the following subjects:

Geology in relation to Mining, Occurrence of Veins and Beds, Prospecting, and Preliminary Operations.

Shaft and Slope Sinking, Mining Operations, Ventilation, Valuation of Properties.

Pumping, Hoisting, Mining Appliances, Cleaning of Ores and Coal.

Text Books (Preliminary Eds.): Smith's Coal Mining; Andri's Treatise on Coal Mining; Wharton's Coal Mining, Pennsylvania; Dana's Metalliferous Mines; Merrill's Notes and Formulae; Geikie's Outline of Field Geology; Isheng's Manual of Mining.

*If in any year there should not be a sufficient number of students to form classes in this subject, the lectures will not be given, but the students will pursue a course of reading under the supervision of the Lecturers.

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 rivers; Storage of water in natural and artificial reservoirs; Measuring weirs and streams 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. DEANE, 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 forms, 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

In addition to the work laid down in the Faculty of Arts (4 1 (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

*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 a course of reading under the supervision of the Lecturer.

†The Lectureship in Botany is at present vacant owing to the lamented death of the late Prof. Geo. Lawson, LL.D., who for many years discharged the duties of Lecturer without remuneration from the Board of Governors. It is hoped that arrangements for continuing the work of the class may be made before the beginning of the session of 1894-5.

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 U. D. Murray, M. B., is recognized as qualifying for a degree. The class meets on Tuesdays, Thursdays and Saturdays, at 11—12 A. M., and for part of the Session on Tuesdays at 5—6 P. M. for Embryology. 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.

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 \$1.00 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 regulations as to examinations is the same as in the case of Physiology, the fee payable being \$1.00.

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 \$15.00.

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 (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: *Mint's or Fowler's or Jevons' Logic*; *James' Psychology*, (Brief Course, Recommended for students in Education); *Sully's Teachers' Handbook of Psychology*; *Morgan's Psychology for Teachers*.

xviii.—EDUCATION.

Class of Theory and History.

Lecturers.....; PROF. W. C. MURRAY, M. A.
; D. J. MILLER, Esq.

The work of this class consists of two courses of lectures. The course on the Theory of Education is given by Prof. Murray on Wednesdays, 4—5 P. M.; the course on the History of Education is given by Mr. Miller on Wednesdays, 5—6 P. M.

(1.) 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 H. H. Quick); *Thorpe's Theory and Practice of Teaching*; *Laird's Institute of Education*; *Laird'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*; *Newman's Idea of a University*; *Miff's Inaugural Address at St. Andrew's*; *Ascham's The Schoolmaster*; *Milton's Treatise on Education*; *Arnold's Culture and Anarchy*.

(2.) History of Education.

This course consists of lectures and recitations on: The History of Education in different ages and countries; Comparison of Education Systems; Theories of Writers on Education; Eminent Educators.

Text Book: *Willis's: History of Modern Education*.

Books recommended: *Compere: History of Pedagogy*; *Quick: Educational Reformers*; *Brewster: Educational Theories*; *Paister: History of Education*.

Class of the Practice of Education.

Lecturers.....; ALAN, McKAY, Esq.
; W. T. KENNEDY, Esq.

The work of this class will consist of (a) Lectures on School Management and School Law by Prin. Kennedy; (b) Lectures by Professors of the College and prominent Teachers, on Educational subjects; (c) Observation of the practice of successful

teachers, and practice in conducting schools; and (d) Discussions by Supervisor McKay, 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 Mr. McKay, the supervisor 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 150 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 (§XXXV) will be required to spend at least 300 hours in practical work.

Useful books: DeGarmo's *Essentials of Method*; Fitch's *Lectures on Teaching*; McMurray's *General Method*; Baldwin's *School Management*; *School Law of Nova Scotia*, 1922.

XXIX.—ENGLISH.

Professor.....ARCHIBALD MACMICHAN, PH.D.

As in the Arts Faculty, (§ 1 (iii), p. 22).

XX.—FRENCH AND GERMAN.

Professor.....J. LECHE, M. A.

As in the Arts Faculty, (§ 1 (ii), p. 19).

§ XXVI.—**The Academic Year** consists of one Session. The Session of 1896-97 will begin on the 9th September, 1896, and end on the 27th April, 1897.

§ 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 (§ 11, 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. 33).

(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.

§ XXX.—**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. 38).

§ 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 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, D, French or German. For A, C, 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.

*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, including the additional work for Distinction, they are not allowed to enter the Advanced Mathematics Class in the Third Year. Undergraduates taking the above courses are required also to take the additional work for Distinction in the Junior Physics Class.

- 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.

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; Surveying; 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.
- For G.—Advanced Mathematics (partial course); Senior Physics†; Applied Mechanics†; Mineralogy; Mining; Surveying; 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.

* Undergraduates in Course E are required to take the additional work for Distinction in Dynamics and in Theory of Structures.
 † Undergraduates in Courses F, G and H are required to take the additional work for Distinction in Dynamics, Heat and Electricity and Mechanics of Machinery.

§ 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. 46.)

(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 Pöddie's Manual of Physics (Baillière, Tindall & Co.), supplemented by Talbot's Properties of Matter (A. & C. Black), Stewart's Treatise on Heat (Clarendon Press), Talbot's Light (A. & C. Black), and Foster and Atkinson's Electricity and Magnetism (Longmans, Green & 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, 238, 542, 632; Faraday's Experimental Researches in Electricity (Quaritch), vol. I, series I-XI, and Sir W. Thomson (Lord Kelvin's) papers on the Electrodynamic Qualities of Metals,—Kelvin's Mathematical and Scientific Papers (Camb. Univ. Press), Vol. II, p. 181.

(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 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 R. 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, accord-

* The subjects of examination in this course may be modified on the application to the vacant Professorship of Chemistry.

ing 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 328 to p. 500, 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 Compounds.

(3.) **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. 48.)

§ XXXIV.—**The Degree of B. Sc. with Distinction** will be conferred on the same condition 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 condition as the corresponding degree in the Faculty of Arts (§ XII, p. 50.)

§ 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, show 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 Course 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, 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 300 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 (vii).

(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 *arsars medicina*. It is as follows:

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

SECOND YEAR:—Junior Physics; Senior 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; Surveying; 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 1895-96, 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. 34, 51.

§ XXXIX.—1851 Exhibition Science Scholarship.

—Her Majesty's Commissioners for the Exhibition of 1851 placed at the disposal of this University for the years 1894 and 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. It is expected that a similar nomination will be placed at the disposal of the University for the year 1898.

These Scholarships are of the annual value of one hundred and fifty pounds sterling, are tenable for two years, subject to the fulfilment of certain conditions mentioned below, or, by special resolution of the Commissioners, for three years, and are open to women as well as men.

The following is the statement of conditions, etc., of the scholarship offered in 1896:—

“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 three years a *bono 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 required, in the absence of special circumstances, to proceed to 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 conditions for the exceptional renewal of Scholarships for a third year are as follows:

(1) The scholar shall have published in the Proceedings of some Scientific Society, or in some Scientific Journal, an account, approved of by the Scholarships Committee, of an adequate research.

(2) The scholar shall satisfy the Committee:—

That a continuation of the Scholarship for a third year is likely to result in work of scientific importance.

That such work is not likely to recompense the scholar pecuniarily.

That the scholar is not in a position to continue the work without the help of the Scholarship.

That the scholar intends, after the expiration of the Scholarship, to adopt a pursuit in which his studies during the Scholarship, will find useful practical application.

(3) The scholar shall undertake to make a detailed report to the Commissioners of his work during the third year.

(4) The conditions on which the Scholarship was originally granted shall apply in all respects to its continuance during the third year.

"The Scholarship is payable half-yearly in advance through the Treasurer of this University; but £25 will be reserved from the last payment until the scholar has made a satisfactory final report.

"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 forms are correct, and I undertake that, if a Science Research Scholarship is awarded to me, I will hold it subject to the conditions laid down by Her Majesty's Commissioners for the Exhibition of 1861 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, 1898. 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 and 54.)

§ XLI.—**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.

§ XLIII.—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.

§ 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. 59.) 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.

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. SIDNEY HARRINGTON, Q. C.
 ALFRED SILVER, LL. B.
 GEORGE RITCHIE, LL. B.
 HECTOR McKENNEN, LL. B.
 CHARLES H. CAHAN, B. A., LL. B.
Dean of the Faculty—PROFESSOR WELDON.
Secretary of the Faculty—PROFESSOR RUSSELL.

§ XLVI.—Courses of Lectures.

The following Courses of Lectures to be given in the Session of 1896-7, will begin on the 2nd of September, 1896, and end on the 12th of February, 1897.

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; Corporal 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; Incorporated 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 I 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 : Fisch'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. CHARLES H. CARAN, B. A., 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.

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.

PARTNERSHIP AND COMPANIES.

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

One lecture per week.

[1897-98.]

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.

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 *ius disponendi*. Stoppage in transitu. Condition. Warranty, express and implied. Remedies of seller and buyer.

Text book : Benjamin on Sales.

NEGOTIABLE INSTRUMENTS.

Lecturer..... PROFESSOR RUSSELL.

One lecture per week.

[1897-98.]

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.

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 FITZGER, LL. B.

Subjects of lectures :

Real Estate, Contingent Remainders, Rule in Shelley's Case, Statute of Uses, Springing and Shifting Uses, Exentory 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 McKENN, 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 1896-97 will begin on the 1st of September, 1896, and end on the 27th of April, 1897.

§ 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 Sessional Examinations in the subject 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, 15th, 1897.

(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 24th, 1896.

(6) The Supplementary Examination for the present year will begin September 1st, at 10 o'clock, A. M. Fee, \$5, payable on the morning of the Examination.

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

Hereafter the case to be argued will be stated by the Professor or 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 endeavor 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 books presented to the Library during the past year will be acknowledged in the next Calendar.

§ 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, 1st September, 1896, 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 L. 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.

THE PRESIDENT, (*ex officio*.)

JOHN SOMERS, M. D.	ALEXANDER P. REID, M. D.
GEORGE L. SINGLARD, M. D.	MATTHEW A. CURRY, M. D.
DONALD A. CAMPBELL, M. D., C. M.	MURRAY McLEAREN, M. D.
A. W. H. LEXRAY, M. D., C. M.	WILLIAM S. MOIR, M. D.
JOHN STEWART, M. B., C. M.	WILLIAM TORIN, M. B., C. S. Ins.
A. C. PAIR, M. D.	HON. MR. JUSTICE HENRY,
DANIEL McNEIL PARKER, M. D.	LOUIS M. SILVER, M. B., C. M.
EDWARD FARRELL, M. D.	FRED. W. GOODWIN, M. D.
ANDREW J. OWEN, M. D.	F. U. ANDERSON, M. B., C. S. Eng.
JOHN F. BLACK, M. D.	

Dean of the Faculty: DR. FARRELL.

Secretary of the Faculty: DR. LEXRAY.

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

I.—CHEMISTRY.

Professor.....

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 Heat. Atomic Theory. Nomenclature; Notation; Formulae, 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: Green'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. Compounds 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 acid and related Acids, Indigo, &c. Natural Alkaloids. Albsamen, Urea. Special lectures on Medical Chemistry and Toxicology.

Text Books: Green's Edition of Wurtz's Elements of Chemistry—the Organic part. Reference works: Hoozee & Scheerer's, Wall'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, Albsamen; 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: Macandless' 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.

Professors.....

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. *Mimote* 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: *Goode'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; MacCoun'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 1896-7 will begin on Monday, September 28th, 1896, and end on Tuesday, April 27th, 1897.

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, Gynaecology 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 in 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 on 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 of the Board, Dr. A. W. H. Lindsay, Halifax.

2. 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.

3. 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 80% 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*.

4. Candidates who may have passed in all subjects but one, at the Nova Scotia Medical Board Matriculation Examination, 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 six 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.

7. Should the candidate fail to pass in any subject or subjects, the fee will not be returned to him, but he will be permitted to present himself again for Examination in such subject or subjects on payment of \$5.00 for each subject.

§ 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 in 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 § LXI) 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) have 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 College or 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 seven and 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 not 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, Pathology and Bacteriology, 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 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) Pathology and Bacteriology, 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

*The Surgery Examination will include questions in Ophthalmology, Otology, etc.

required to pay one sixth of the amount of their graduation fee, and the remainder of the half fee at their final examination.

6. Should the candidate fail to pass in any subject or subjects, the fee will not be returned to him, but he will be permitted to present himself again for examination in each subject or subjects, on payment of a fee of \$5.00 for each subject.

§ **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 Medicæ titulum jam donandus, sancto sacram Deo cordium scrutatore, spondeo:—*me in omni grati animi officio erga Universitatem Dalhousianam ad extremum vitæ habitura, perseveraturum; et quod potero, omnia ad egrotorum 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 students and candidates for the degrees of M. D., C. M., are in all cases payable in advance:—

Registration Fee	\$ 2 00
Junior Chemistry Class Fee	6 00
Senior " "	8 00
Practical Chemistry "	8 00
Botany Class Fee	6 00
Graduation Fee	30 00

Institutions.

THE UNIVERSITY LIBRARY.

The *Library consists of about 6,000 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 **SETH COLLECTION** of Philosophical works purchased with the proceeds of a course of Lectures on Psychology to teachers given by Professor James Seth; the **DE MILLE MEMORIAL**, presented by Dr. MacMechan from the proceeds of a course of Lectures on Shakspeare; the **LAWSON LIBRARY**, presented by the daughters of the late Professor George Lawson, LL. D.; the **MCCULLOCH COLLECTION**, from the Library of the late Rev. W. McCulloch, D. D.; and the **MEMORIAL COLLECTIONS** of the Classes of '94 and of '97.

Although there is no fund at the disposal of the Librarian for the purchase of books, the number of additions to the Library, through presentations, during the past year exceeds 800 volumes. This number does not include pamphlets, reports, calendars, etc.

The family of the late Dr. George Lawson, Professor of Chemistry and Lecturer on Botany, has donated to the Library Dr. Lawson's Library consisting of valuable books, periodicals and reports principally on Botany and Chemistry.

From the late Dr. McCulloch's Library there came a large collection of Classical Works and Elementary Treatises on different subjects for use in colleges and schools. It is proposed to make these the nucleus of a collection of text books illustrative of the history of education in Nova Scotia.

Prof. Liechti presented the Library with Meyer's Conversations-Lexicon, Brockhaus' Conversations-Lexicon and a complete set of Wieland's works—79 volumes in all.

*For Law Library see Law Faculty section of the Calendar. Students are admitted to some of the privileges of the Legislative and Citizens' Libraries.

Thirty-six volumes relating principally to English Literature and Philosophy were presented by Prof. C. Macdonald.

To Mr. Adam Burns, the Library is indebted for 47 volumes of History, Biography, Travel, Science and Philosophy and also 34 volumes of *Blackwood*, *Contemporary* and *Nineteenth Century*.

From His Highness Maharaja Sawai Madhu Singh, c. c. s. i., of Jeypore, were received six very valuable "Port folios of Architectural Details" prepared under the supervision of Col. S. S. Jacob, c. i. e. The "collection was compiled from works in or near Delhi, Agra and Rajputana."

The Class of '97 has purchased a very fine set of Dryden's works, edited by Sir Walter Scott and revised by Prof. Saintsbury, and also a large number of standard works on Political Economy. These have been given to the Library for a Class Memorial.

The Class of '95 has given about Fifty Dollars for a similar purpose. The form of the Memorial has not yet been decided upon.

Rev. Dr. Patterson has given 19 books and pamphlets, relating to local history, to the Canadian Corner.

Our unknown "Friend of the College" who has for the last two years given an annual subscription of Twenty-Five Dollars, has this year continued his subscription.

In addition to the above the following presentations have been made:—

Macmillan & Co., 32 vols.; Dr. MacMechan from proceeds of Lectures on Shakespeare, 29 vols.; Dr. Forrest, 19 vols.; Swedenborg Publication Committee, 17 vols.; Lecturers on Education, 14 vols.; Seth Lecture Fund, 13; Library Committee of Parliament, Prof. W. C. Murray, 12 each; Alfred Shortt, Esq., 11; College Missionary Society, 6; Dr. MacGregor, 5; *Dalhousie Gazette* and Alumni Association, 4 each; Early English Text Society, D. C. Heath & Co., S. A. Morton, Esq., M. A., 3 each; F. B. Crofton, Esq., G. H. Cox, Esq., Volunteer Band Y. M. C. A., 2 each; Knight & Co., H. W. Barnes Esq., Dr. MacMechan, Thomas Lawson, Esq., B. A., Prof. J. K. Moore, Capt. Baxter, Supervisor McKay, 1 each.

Reports have been received from the following:—

Geological Survey of Canada, 9; Dominion Government, 8; Ontario Government, 3; Superintendent of Education, N. S., International Y. M. C. A., Halifax City Council, Smithsonian Institution, U. S. Bureau of Education, McGill University, Johns Hopkins, Cornell, 2 each; N. S. Institute of Science,

Superintendent of Education, Quebec, Royal Society of Canada, Institution of Civil Engineers, 1 each.

Periodicals have been regularly placed on the Reading Tables and in many cases given to the Library by the following:—

Dalhousie Gazette: *Atlantic*, *Century*, *Harper's*, *Classical Review* and *Review of Reviews*.

Prof. C. Macdonald: *Nineteenth Century*.

Prof. MacGregor: *Nature*, *Science*, *Phil. Magazine*, *Physical Review*, *Fortnightly*.

Prof. MacMechan: *Modern Language Notes*, *Dial*, *Critic*, *Bookman*, *Contemporary*.

Prof. W. Murray: *Mind*, *Philos. Review*, *Psychological Review*, *International Journal of Ethics*, *Spectator*, *Nation*, *Forum*.

Prof. H. Murray: *Pull Mall Magazine*, *Consolidator*.

Lecturers on Education: *Education*, (N. Y.)

Calendars have been received from the following:—

Edinburgh, Glasgow, Aberdeen, St. Andrew's, London, Durham, Bristol, Victoria, Dundee, Sydney, Melbourne, Buenos Ayres, Yale, Cornell, Michigan, Brown, Johns Hopkins, Bryn Mawr, Oberlin, Mass. Instit. of Technology, Stevens Instit. of Technology, Ross Polytechnic, DePauw, Texas, Hartford, Manitoba, Toronto, Queen's, McGill, Ottawa, Bishops, Trinity, Laval, Niagara, Morrin, School of Mining and Agriculture, Kingston, Presbyterian Theol. Coll. Halifax, New Brunswick, Mount Allison, Acadia, Kings, Prince of Wales, St. Dunstan's, St. Francis Xavier, St. Joseph's, Wesleyan Theol. Coll. Montreal, Presbyterian Theol. Coll. Montreal, L'Academie Commerciale Montreal.

During the past session the Library was open five days each week, from 10 to 1 and 3 to 5. About 3,000 books were taken out during the session. There has also been a large increase in the number of students who spend some time reading in the Library. The net loss of books during the past year was twelve.

Mr. F. A. Currier, M. A., was most faithful in the discharge of the duties of assistant to the Librarian. The Librarian report stated that the students had rendered great assistance in securing quiet and in recovering missing books, and that in very many cases they had displayed exemplary liberality. In all, their donations exceed \$110 in value.

The salary of the Assistant to the Librarian was provided by members of the Faculty of Arts and the Board of Governors.

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 late 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.

The PATTERSON ARCHEOLOGICAL COLLECTION.—This collection of Indian Antiquities was made by Rev. George Patterson, D. D., LL. 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 archaeological collections of the Smithsonian Institution, contains full particulars of the localities where the several specimens were obtained.

During the past year a number of valuable additions have been made to the Museum by the family of the late Dr. McCul-

* 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.

loch, consisting of moose horns, interesting stone found on the old dyke below Truro with date 1764, and a number of other articles; and from Mr. James Adams, of Metapedia, a fine specimen of Indian stone pipe.

A collection of Nova Scotian plants, mounted and systematically arranged, is being formed by members of the Philomathic Society, who collect during the summer months.

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.

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 resident 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 Monday, April 27th, 1896, the President, Prof. Howard Murray, in the chair.

The President addressed the meeting on the work accomplished by the Executive during the year, and referred in feeling terms to the loss the College had sustained through the death of Prof. Lawson and of Mr. George Munro.

The report of the Executive Committee showed that some difficulty had been experienced in collecting the subscriptions to the "Guarantee Fund." Printed notices had been forwarded to subscribers to the fund, but they had not met with the ready response wished for. The report also pointed out that it was unsatisfactory to have the management of the fund in the hands of both the Board of Governors and this Association, and recommended that the entire management be transferred to the Board, this Association agreeing to give that body any assistance in its power.

The Dean of the Faculty of Science had submitted to the Executive Committee an account of the expenditure of the grants voted in past years to that Faculty, amounting in all to \$510 which had been audited and found correct. Owing to the membership fees coming in rather slowly, it had been found possible to pay only the sum of \$100 to this Faculty during the year. From the Dean's report it appeared that the books and apparatus obtained from these grants, during past years, had added very greatly to the efficiency of the Applied Science classes.

Additional lecturers in Surveying and Mining had been secured and more books and instruments would be necessary both to enable these classes to make a start and the classes already opened to continue their work. The Executive recommended that a grant be voted this year also.

The report of the Treasurer was as follows:—

RECEIPTS.	
Balance from last year	\$ 71 63
Membership Fees	128 09
	— \$109 63
EXPENDITURES.	
Grant to Faculty of Science	\$100 00
Sundry Expenses	9 11
	— \$109 11
Balance on hand	800 32

In closing his report the Treasurer said: "Before closing this report I would again take the liberty of urging upon our members the necessity of paying their annual dues promptly, as these at present form our only source of revenue, and if they are not promptly paid the Association is much handicapped in the work they would like to undertake."

Resolutions were passed expressing the deep regret with which the Association had heard of the death of Prof. Lawson and of Mr. Munro, and of its high appreciation of the services rendered to the College by its most widely known professor and its most munificent benefactor.

The following resolutions were also passed:—

Resolved,—That the grant of \$100 to the Science Faculty be voted again this year.

Resolved,—"That all cases of accumulated arrearages up to the present year be dealt with by the Executive as they may see fit."

Resolved,—"That the Executive be instructed to report on the custom of other colleges in circumstances similar to our own with regard to the publication of annual financial statements, in order that the Association, at its next meeting, may have adequate data for the discussion of the desirability of such publication by the Governors of this College."

Resolved,—"That the Executive be instructed to report on the constitution of the governing bodies, of higher and lower grade, in colleges in circumstances more or less similar to our own, in order that the Association at its next meeting may be able to discuss intelligently what changes, if any, are desirable in our own Board of Governors and Senate."

Resolved,—"That in both the above cases the Executive print their reports and circulate the same among members before next meeting."

Resolved,—"That Sections 20 and 27 of the Laws be struck out and the following substituted therefor:—

20. "In making such determination, in the case of any of the vacant offices, the Executive shall determine from the voting papers what the result of the vote is in the case of all possible combinations of the candidates taken two together. If any candidate is thereby shown to be preferred to all the other candidates, he shall be reported by the Executive to the Association as having been duly elected. If any two or more candidates are thereby shown to be preferred to all other candidates, while the voting papers do not show which of these two or more candidates is preferred to the others, the Executive shall report to the Association the names of said two or more candidates, and the Association at the Annual Meeting shall elect one of said candidates to the office in the manner provided in section 28."

27. "If no election to the above offices have been made before the Annual Meeting, either through failure of the members to make nominations, or through failure of the method of election to effect an election, or for any other cause, the Association shall make the election at the Annual Meeting in the manner specified in Section 28."

Resolved,—"That the words "one month" be struck out from Section 40 and the words "two weeks" substituted therefor."

Mr. John Montgomery gave notice of the following motion:—

Whereas, the best educational interests of Nova Scotia, New Brunswick and Prince Edward Island demand that all the degree-granting colleges in these Provinces should have uniform examinations,

And whereas, it is advisable that the question of uniformity of examinations in the colleges should be thoroughly discussed by

representatives of these colleges and by the educational authorities of these Provinces.

Therefore Resolved.—That this Association appoint a committee of three to take steps to bring about at an early day a conference of all interested parties with a view of adopting some plan for obtaining uniformity in examinations, and discussing other matters pertaining to higher education in these Provinces.

And further Resolved.—That this committee represent this Association at such conference and be instructed to invite to such conference the Superintendents of Education of the Maritime Provinces, a representative of the Governing Board, a representative of the teaching staff and three representatives of the Alumni Associations of the degree-granting colleges of the Maritime Provinces.

The following officers were elected for the academic year 1896-97 :—

<i>President</i>	GEO. G. PATTERSON, M. A., LL. B.
	JOHN MONTGOMERY, B. L., LL. B.
	DAVID SOLJAN, B. A.
<i>Vice-Presidents</i>	J. C. SHAW, M. A.
	J. W. LOGAN, B. A.
	PROF. HOWARD MURRAY, B. A.
<i>Secretary</i>	R. T. MACLEHRYE, LL. B.
<i>Treasurer</i>	W. D. CAMERON, Esq.
	PROF. J. G. MACGREGOR, D. Sc.
	G. M. CAMPBELL, M. D., C. M.
	S. A. MORTON, M. A.
<i>Other Members of Executive Committee</i>	E. P. ALLISON, B. A., LL. B.
	J. A. MACKINSON, B. A., LL. B.
	H. B. STAIRS, B. A., LL. B.
<i>Auditors</i>	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 1896-97 are as follows:—D. McODRUM, R. M. HATTIE, A. E. CROCKETT, R. DAVIS, D. A. McKEE, W. E. OUTHIT.

Arts Students' Society.

This Society meets 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>	A. H. DENISON.
<i>Vice-President</i>	J. R. MELLAR.
<i>Secretary-Treasurer</i>	ARTHUR WATT.
	A. S. STEWART.
<i>Executive Committee</i>	ARTHUR WATT.
	C. F. GRANT.

The Sodales Debating Club.

The Sodales Debating Club meets weekly during the session subjects of general interest being discussed.

OFFICERS.

<i>President</i>	E. CUMMINGS.
<i>Vice-President</i>	H. E. MARION.
<i>Secretary-Treasurer</i>	H. MUNRO.
	W. D. HOSS.
<i>Executive Committee</i>	D. McODRUM.
	C. GRANT.

The Medical Debating Society.

The meetings of this Society are held weekly throughout the session. Topics of general interest are discussed, and papers on medical subjects are read by city doctors.

The Mock Parliament.

The Mock Parliament meets weekly. All students of the University are welcome, but only students in law are allowed to take part in the debates, which are mostly of a political nature, on questions of the day. It is conducted strictly in accordance with parliamentary procedure.

Young Men's Christian Association.

Meetings of the Association are held every Saturday evening at the College.

OFFICERS.

<i>President</i>	D. McODRUM.
<i>Vice-President</i>	G. E. FORBES.
<i>Recording Secretary</i>	R. DAVIS.
<i>Corresponding Secretary</i>	A. H. DENISON.
<i>Treasurer</i>	J. G. COLQUHOUN.

The Moot Court.

The Moot Court is intended for law students only, so far as arguing is concerned. It is conducted as nearly as possible after the manner of the Supreme Courts, and all law students of second and third years standing are required to take part in at least one case during the session. (See Law Faculty.)

The Dalhousie Athletic Club.

OFFICERS.

<i>Honorary President</i>	PRESIDENT FORREST.
<i>President</i>	G. H. MAXWELL.
<i>Vice-President</i>	G. WOOD.
<i>Secretary</i>	H. PUTNAM.
<i>Treasurer</i>	R. MACLEITH.
	R. MACLEITH.
	D. K. GRANT.
<i>Executive Committee</i>	J. A. MACKINNON.
	D. MCINTOSH.
	L. A. MACLEAN.
<i>Trophy Committee</i>	R. MACLEITH.
	A. BARNSTRAID.

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.
	D. MCCORMICK.
<i>Vice-Presidents</i>	R. FAULKNER.
	I. MCKAY.
	H. R. READ.
<i>Secretary-Treasurer</i>	A. E. CHOCKETT.
	M. CUMMINGS.
<i>Executive Committee</i>	J. L. MCKINNON, B. A.
	BESSIE LEWIS.
	MARGARET DEWOLFE.

The Glee Club.

The Club meets once a week for the practice of glee and choruses. During the past session, a class in sight-singing made excellent progress under Mr. Gatward's instruction.

<i>President</i>	A. H. DESOON.
<i>Vice-President</i>	A. M. MACLEOD.
<i>Secretary</i>	J. R. DOUGLAS.
<i>Treasurer</i>	ED. CUMMINGS.
	L. A. MCLEAN.
	J. ROSS MILLAR.
<i>Executive Committee</i>	W. S. BRODIE.
	FLORENCE WILKIE.
	EUGENIE ARCHIBALD.
	LAURA MURRAY.
<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>Hon. President</i>	ANOUS W. MACKAY, M. A.
<i>President</i>	JOHN MACINTOSH, M. A.
<i>Secretary</i>	R. G. STRATHFILL, M. A.

AFFILIATED COLLEGE.

HALIFAX LADIES' COLLEGE.

<i>President</i>	REV. R. LAING, M. A.
<i>Principal</i>	MARGARET S. KERR, (Cambridge.)

The object of the College is to provide a liberal education for young women. It has three departments of study,—the Primary, the Preparatory and the Collegiate.

In the Collegiate department there are two courses of study, one extending over three years and the other over four, and both including English, French, German, Latin, Greek (optional), Mathematics, and Elementary Science. The teaching staff in this department is as follows:—

THE PRINCIPAL.

MARGARET F. TREUMAN, B.A. (Dal.), *History, Literature and Latin.*

LUCY C. MURRAY, B.A. (Dal.), *English, Mathematics and Greek.*

MARGARET D. ALLEN, M. A. (Queen's), *Science.*

CAROLINE M. OELLERS, *French and German.*

MAUD M. WHITESIDE, A. T. C. M., *Education and Calisthenics.*

ALICE W. CORBIN, *Shorthand and Typewriting.*

Young women who have completed the three years' course are admitted to the First Year in the Arts and Science Faculties in this University without examination in subjects which formed parts of their course. Those who have completed the four years' course are similarly admitted to the Second Year.

The College Buildings which include a Hall of Residence as well as Class Rooms and Assembly Hall, are situated in a central part of the city of Halifax, at a distance of about three-quarters of a mile from Dalhousie College. Young women who are matriculated students of Dalhousie College are admitted to the Ladies' College as boarders. The conditions of admission and the charges may be ascertained on application to the President.

The College has an Art Studio in which instruction in Fine Art is given by Miss Catherine N. Evans, Head Mistress of the Victoria School of Art and Design, and in Drawing by Miss Agnes Vandy.

The Halifax Conservatory of Music is under the same Board of Management as the Ladies' College. It is under the direction of Mr. C. H. PORTER of the Royal Conservatory of Leipzig, who is assisted by a staff of twelve teachers. The following branches are taught: Theory of Music, Singing, Piano-forte Playing, Organ, Violin playing, Orchestral Wind Instruments, Orchestral Stringed Instruments. The Conservatory is open to men as well as women.

University Lists.

DEGREES

Conferred April 20th, 1900.

DOCTOR OF LAWS

(Honoris Causa.)

- PROFESSOR LORENZ WRIGHT BAILEY, M. A., Ph.D., F. R. S. C., of the University of New Brunswick, Fredericton, N. B.—In recognition of eminent services rendered in the department of Geology and Natural History, especially in the Geology and Natural History of the Maritime Provinces.
- REV. GEORGE PATTERSON, D. D., F. R. S. C., of New Glasgow, N. S.—In recognition of eminent services rendered in the department of Local History.
- WILLIAM KINGSFORD, Esq., C. E., LL. D., F. R. S. C., of Ottawa, Ont.—In recognition of eminent services rendered to Canadian history, in the publication of his "History of Canada."

MASTER OF ARTS

- BENT, TELLIE AGATHA, B. A., *By Examination in English and German.*
- CHERRIE, FRANK ALLISON, B. A., *By Examination in English.*
- MACDONALD, CHARLES DEWOLF, B. A., *By Thesis on the relation of English to Cognate Languages.*
- MACINTOSH, JOHN, B. A., *By Examination in Philosophy.*
- MILLIGAN, GEORGE SEATON, B. A., *By Examination in English.*
- ROBINS, EDWIN PRITCHER, B. A., *By Examination in Philosophy.*
- ROSS, JENNY WRIGHT, B. A., *By Examination in Elizabethan Literature and History.*
- ROSS, MARY SOPHIA, B. A., *By Examination in Mathematics.*
- STRATHIE, RALPH GRANT, B. A., *By Examination in Philosophy.*

BACHELOR OF ARTS

- BAKER, ELMA.....Sheet Harbour, Halifax Co.
- BUTLER, GEORGE KILLAM.....Kelly's Cove, Yarmouth Co.
- CUTLER, NINA ELIZABETH.....Bedford, N. S.
- CUMMINGS, BESSIE ARNOT.....Westville, Pictou Co.
- CUMMINGS, ALFRED GRAHAM.....Lower Onslow.
- CURRIE, WILLIAM DONALD.....Halifax.
- DAVIDSON, LELLA AUGUSTA.....Halifax.
- DICKIE, GORDON.....Milford.
- DODGINS, JOHN ROBERT.....New Laird, Pictou Co.
- GRANT, GEORGE ALEXANDER.....Trialsburg.
- HILL, ALLAN MARIE.....Halifax.

- IRVING, THOMAS.....Mill Branch, Kent, N. B.
- MACGREGOR, ROBERT MALCOLM.....New Glasgow, N. S.
- MCKAY, MARY ALEXANDRA.....Dartmouth.
- MCKAY, WILLIAM RODGERICK.....Springville.
- MACNIEL, MURRAY.....St. John, N. B.
- MCGRAE, DUNCAN MURDOCH.....Beddeck, C. B.
- MAHON, HARRY EDMUND.....Halifax.
- MURDOCH, WILLIAM CLARENCE.....Murray River, P. E. I.
- MURRAY, JOHN CARRY.....Halifax.
- MURRAY, WILFRED.....Amherst.
- OAKES, ISRAHAM.....New Albany.
- ROBE, ALEXANDER FRANCIS.....St. John, N. B.
- RODGERSON, JAMES ALEXANDER CUMMINGS.....Pisquid, P. E. I.
- ROSS, WILLIAM DANIEL.....Stanley Bridge, P. E. I.
- SEGOEWICK, WILLIAM MIDDLETON.....Tatamagoguiche.
- STERLING, ALEXANDER DUNWOODIE.....Clifton, P. E. I.
- STUTHERLAND, GEORGE ADAMS.....Earltown.

BACHELOR OF LETTERS

- HILL, AMY.....Halifax.
- MARSHALL, LILLIAN ELIZABETH.....Halifax.
- JOHNSTON, JAMES ROBINSON.....Halifax.

BACHELOR OF SCIENCE

- MCINTOSH, DOUGLAS.....New Glasgow, N. S.
- MCINTOSH, DONALD STUTHERLAND, B. A.....Peet Hood, C. B.

BACHELOR OF LAWS

- BEELLOW, HARRY VEEDER, B. A.....Truro.
- HOOD, JOHN.....Stellburne.
- JANES, STEWART DIXON, LL. B.....Parsonsboro.
- LOGGIE, WILLIAM JAMES.....Chatham, N. B.
- MCGART, LEANDER DAVISON, B. A.....Ecogeny.
- MCGRAE, ROBERT SEMS.....Plymouth.
- MCCVEAL, RONALD.....Port Morien.
- MURRAY, ROBERT HARPER, B. A.....Halifax.
- PENNO, AVARD VERNON, B. A.....Kentville.
- ROSS, HUGH.....Port Morien.
- SCOTT, FRANK BRITTLE, B. A.....Athol.
- TRENAN, GERALD CONSTANTINE BRIEFNI.....Halifax.
- WOOD, JOHN ELLIAR, B. A.....Halifax.

DOCTOR OF MEDICINE AND MASTER IN SURGERY

- MACDONALD, WILLIAM HENRY.....Truro.
- MCEWEN, HENRY EMANUEL.....St. Peter's Bay, P. E. I.
- MURRAY, DUNCAN.....Meadowville, Pictou Co.
- OLING, CLARA MARY.....Woodburn, Pictou.
- WILLIAMSON, SAMUEL W.....Loganville, Pictou Co.

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.—Baker, Eliza; Bähler, George Kilian; Church, Nina Elizabeth; Cumming, Bessie Arnot; Cummings, Alfred Graham; Currie, William Douglas; Davidson, Lilla Augusta; Dickie, Gordon; Douglas, John Robert; Grant, George Alexander; Hill, Ailana Maasie; Irving, Thomas; MacGregor, Robert Malcolm; McKay, Mary Alexandra; McKay, William Roderick; Macneill, Murray; McRae, Clarence; Murray, John Cewy; Murray, William; Walker, William; Robb, Alexander Francis; Rodgerson, James Alexander Cummings; Ross, William Daniel; Soldevick, William Middleton; Stirling, Alexander Dinwoodie; Sutherland, George Adams.

THIRD YEAR.—Archibald, Herbert Thompson; Austin, Minna May; Bevie, William Stuart; Birchell, Charles Jost; Cameron, Iza William; Clark, Harold Marston; Cook, Daniel George; Coffin, Robert Lewis; Cummings, Edward; Denoon, Alexander Hugh; Faulkner, Ebenezer Ross; Forbes, William; Hattie, Robert McConnell; McLellan, Leander; McKay, Iza; McLean, Stewart Clifford; Maxwell, George Herbert; Miller, James Ross; Murray, John Tucker; Morton, James Roland; Nicholson, John William Angus; Reid, David McKee; Shinder, Henry Robert; Thompson, Margaret; Urquhart, Howard D.

SECOND YEAR.—Blanchard, Aubrey Blanchard; Carmichael, George William; Colquhoun, John George; Coerton, James Robert; Crowe, Henry Stanley; Davis, Iloy; DeWalls, Maggie Woodhill; Deak, John; Fulton, Clarence; Grant, Clarence Fraser; Hookin, John George; Lewis, Bessie Jeanette; Logan, Bessie Margaret; McKay, Katie Watson; McKay, John Beadshaw; McRae, Donald Alexander; Munro, Henry Fraser; Murray, Norman Grant; Read, Hilbert Robert; Ross, Theodore; Wait, Arthur William.

FIRST YEAR.—Anderson, Charles Willoughby; Barnes, James; Black, Walter Allan; Chase, Margaret Hawthorne; Cumming, Allison; Forbes, George Ernest; Keith, Donald; Lindsay, Charles Fowler; Mackenzie, Jamie; Murray, Adam Henry Stewart; Outhit, William Edward; Ramsay, James Archibald; Rice, Grace Elizabeth Bernard; Richardson, Lophemia; Routledge, Arthur Weston.

For B. L. Degree.

FOURTH YEAR.—Hill, Amy; Marshall, Lillian Elizabeth; Johnston, James Robinson.

FIRST YEAR.—Hobercker, Alma Helena; Lawler, Gertrude Louise.

FACULTY OF PURE AND APPLIED SCIENCE.

For B. Sc. Degree.

FOURTH YEAR.—McIntosh, Douglas; McIntosh, Donald Sutherland, B. A.

THIRD YEAR.—Archibald, Ebenezer Henry.

SECOND YEAR.—Archibald, Ernest Matthew.

FIRST YEAR.—Allan, John Lorne; Bargeyze, Stanley John.

FACULTY OF MEDICINE.

Primary M. D., C. M. Examination.

(A)—FIRST YEAR.—Armstrong, Thomas Ernst; Atkinson, Edward Payson; Behm, Robert Almon; Dickie, Hugh Leverette; Forrest, William Duff; Fraser, Alexander; Goodwin, Wendell VanKleeck; Lange, Christian Christoph Andrew; MacDonald, Daniel; McDonald, Edward Murray; McKay, John St. Clair; McLean, Murdoch Thomas; Merton, Angus McDonald; Monroe, James Gilbert; Randall, Mary Leila; Rodgerson, James Alexander Cummings.

(B)—SECOND YEAR.—Archibald, Matthew George; Behm, Robert Almon; Brown, Mattie Wynnan; Dorman, Oscar Chipman; Fraser, Alexander; Gandler, George Gave; Lange, Christian Christoph Andrew; McDonald, Daniel; MacKenzie, Murdoch Daniel; Morton, Angus McDonald; Shaw, Sidney Everett; Thompson, Alfred.

Final M. D., C. M. Examination.

(A)—THIRD YEAR.—Bentley, Holie Dagwell; Bissett, Ernest Eugene; Brown, Mattie Wynnan; Dorman, Oscar Chipman; Fraser, Alexander; Gates Charles Randall; Grierson, Robert; Lloyd, Cyrus Decker; Macdonald, William Henry; Murray, Duncan; Payant, Henry Austin; Snowwhite, Stephen Sinclair.

(B)—FOURTH YEAR.—Macdonald, William Henry; McEwen, Henry Emanuel; Murray, Duncan; Oding, Clara Mary; Williamson, Samuel W.

HONOURS. MEDALS, Etc., 1895-96.

HONOURS.

LATIN AND ENGLISH.—Church, Nina Elizabeth, *High Honours*.
MATHEMATICS AND MATHEMATICAL PHYSICS.—Macneill, Murray, *High Honours*.

PHILOSOPHY.—Cumming, Bessie Arnot, *High Honours*.
CHEMISTRY AND CHEMICAL PHYSICS.—McIntosh, Douglas, *Honours*.
† Attained Standard, qualifying for Medal.

DISTINCTION.

MacGregor, Robert Malcolm, *Great Distinction*. Dickie, Gordon, *Distinction*. Rodgerson, James Alexander Cummings, *Distinction*.

MEDAL.

SIR WILLIAM YOUNG'S GOLD MEDAL.—Macneill, Murray.

SPECIAL PRIZES.

AVERY PRIZE.—MacGregor, Robert Malcolm.
WAVERLEY PRIZE.—Cook, Alexander David.
NORTH BRITISH SOCIETY'S BURSARY.—McRae, Donald Alexander.
NOMINATION TO 1851 EXHIBITION SCIENCE SCHOLARSHIP.—McIntosh, Douglas.

ENTRANCE SCHOLARSHIPS.

Second Year.

PROFESSOR'S SCHOLARSHIP.—MUNRO, Henry F.
SIR WILLIAM YOUNG'S SCHOLARSHIP.—Walt, Arthur W.

First Year.

MACKENZIE BURSARY.—Lindsay, Charles Fowler.
PROFESSOR'S SCHOLARSHIP.—MURRY, A. H. STEWART.
SIR WILLIAM YOUNG'S SCHOLARSHIP.—(1) Anderson, Charles Willoughby; (2) Fulton, Clarence.

EXAMINATIONS, 1895-96.

FACULTIES OF ARTS AND SCIENCE.

MATRICULATION EXAMINATIONS.

JUNIOR.—With *First Class Distinction*: Lindsay, Charles Fowler; Murray, Adna Henry Stewart; Anderson, Charles Willoughby. *Passed*: Darwall, Frederick William; Fisher, Arthur Franklin; Gould, Stewart Talnage; Irving, Thomas; McInnes, Henry Walter (contd.); McLellan, Leander R.; Morrison, Hugh Thomas (contd.); Muesley, Herbert Charles; O'Brien, Milton Adison; Purney, Willard Parker; Slayton, James Morrow; Vickery, James Harris.

SENIOR.—Mears, Henry; Watt, Arthur William.

MATRICULATED BY CERTIFICATE.

FIRST YEAR.—Allen, John Lucie; Bergoyne, Stanley John; Barnes, James; Black, Walter Allen; Chase, Margaret Hawthorne; Cumming, Allison; Forbes, George Ernest; Frouce, Dio H.; Glover, Benjamin; Holbrocker, Alma Helons; Keith, Donald; Lawlor, Gertrude Louise; McGandy, Robert Duncan; McKennie, Janie; McKenzie, Luther Bures; McInnes, Donald; Outhit, William Edward; Ramsay, James A.; Richardson, Lophenia; Routledge, Arthur Weston.

SECOND YEAR.—Fulton, Clarence; Macdonald, Daniel J.; Mackintosh, Finlay H.; Simpson, Stuart.

SUPPLEMENTARY EXAMINATIONS.

FIRST YEAR.—*Greek*: Dakin, William; Morrison, W. A. *Mathematics*: Murray, J. C. *Geometry*: Melness, H. W. *Algebra*: Murray, N. G.

SECOND YEAR.—*French*: Archibald, E. H. *Mathematics*: McRae, D. M.; Cummings, A. G.; Ross, Arthur. *Trigonometry and Algebra*: Dickie, Gordon; Coffin, R. L.; McLellan, L. B.; Maxwell, G. H. *Junior Philosophy*: Hattie, B. M.; Cummings, A. G.

THIRD YEAR.—*Junior Physics*: Cummings, A. G.; Irving, Thomas; Murray, J. C. *Senior Philosophy*: Murray, J. C.

DEGREE EXAMINATIONS.

CLASS LISTS.

(Containing the names, arranged in the order of merit, of all students who have passed in the subjects of the various classes.)

LATIN.

FOURTH YEAR.—*Class I*—Baker, Elma. *Class II*—None. *Passed*—McKay, Mary A.

THIRD YEAR.—*Class I*—Aston, May; Archibald, H. T.; Shinder, H. R.; Miller, J. R. *Class II*—Wilkie, Florence; Brodie, W. S.; Faulkner, E. H. *Passed*—Barchell, C. J.; Cummings, E.; Grant, Mary; McLellan, L. B.; Maxwell, G. H.; Washell, W. H.; Merton, J. R.; Maxwell, Ellen; Thompson, Margaret; Hetherington, Eva; Hattie, B. M. *Passed at Christmas examination*—Keddy, D. R.

SECOND YEAR.—*Class I*—MacRae, D. A.; McKennie, J. B.; Lewis, Bessie; Murray, H. F.; Grant, C. F.; Doull, J.; Watt, A. W. *Class II*—Crows, H. S.; Hockin, J. G.; Logan, Bessie; Havenstock, Alice.

Passed—Mackintosh, F. H.; Ross, T.; Blanchard, A. B.; Carmichael, G. W.; Read, H. R.; Davis, R.; Campbell, D. M.; Archibald, Eugenie; Murray, N. G.; Wood, G.; Corston, J. R.; Kennedy, Elizabeth E.; McKay, Kate; McDonald, D. J.; Simpson, S.; Irving, T.; Noble, J. D.; O'Brien, M. A.; O'Brien, O. F.; Rankine, J. M.; Gould, S. T.; Colquhoun, J. G.; Fulton, C.; Buchanan, M.; Dickey, E. F.; McCuish, K.; DeWolfe, Margaret. *Passed at Christmas examination*—Barrows, L. R. *Passed at Spring examination*—Morrison, W. A. *Passed in Greek History*—Morrison, H. T.

FIRST YEAR.—*Class I*—Bottie, Ella; Lindsay, C. F.; Murray, A. H. S.; Anderson, C. W.; Ramsay, J. A.; Routledge, A. W. *Class II*—Glover, B.; Elsie; Crows, Keith, D.; Richardson, Lois; Black, W. A. *Passed*—Montgomery, Lucy; Free, D. H.; Melatos, C. C.; MacKenzie, Janie; Cumming, A.; Barnes, J.; Forbes, G. E.; Outhit, W. E.; Moody, Georgina; MacKenzie, L. B.; McGeehy, D.; Hobb, A. M.; Chase, Margaret; VanLoed, A. M.; O'Brien, C. W.; Cummings, W. A.; Macdonald, A. L.; Morrison, J. W. G. *Passed at Spring examination*—Morrison, Agnes; Mackintosh, J. J.; McDonald, A. J.; McCleod, J. C.

GREEK.

FOURTH YEAR.—*Class I*—Baker, Elma. *Class II*—Grant, G. A. *Passed*—Davidson, Lilla; McKay, Mary; Hill, A. M.

THIRD YEAR.—*Class I*—Archibald, H. T.; Nicholson, J. W. A.; Aston, May; Shinder, H. R. *Class II*—Wilkie, Florence. *Passed*—Miller, J. R.; Crows, L.; Cook, D. G.; McKay, E.; Brodie, W. S.; Faulkner, E. R. *Passed at Christmas examination*—Keddy, D. R.

SECOND YEAR.—*Class I*—MacRae, D. A.; Doull, J.; Lewis, Bessie; Grant, C. F.; Murray, H. F.; McKennie, J. B. *Class II*—Watt, A. W.; Crows, H. S.; Kennedy, Elizabeth. *Passed*—Hockin, J. G.; Blanchard, A. B.; Ross, T.; Mackintosh, F. H.; Read, H. R.; Havenstock, Alice; Gould, S. T.; Davis, R.; Macdonald, D. J.; Logan, Bessie; Murray, N. G.; McKay, Kate; Irving, T.; Colquhoun, J. G.; Fulton, C.; Noble, J. D.; Buchanan, M.; Barrows, L. R.; Campbell, A. H.; Campbell, D. *Passed at Spring examination*—Wood, G. *Passed at Christmas examination*—Morrison, W. A.; Rankine, J. M.

FIRST YEAR.—*Class I*—Lindsay, C. F.; Murray, A. H. S.; Ramsay, J. A. *Class II*—Glover, B. *Passed*—Bottie, Ella; Frouce, D. H.; McKenzie, Janie; Cumming, A.; (Moody, Georgina; Rice, Graecl; Richardson, Lois; McLellan, L. B.; Keith, D.; Forbes, G. E.; Outhit, W. E.; Mont J. W.; Chase, Margaret; McKennie, L. B. *Passed at Spring examination*—MacLeod, A. M.

FRENCH.

FOURTH FRENCH.—*Class I*—Hill, Amy; Marshall, Lillian.

THIRD FRENCH.—*Class I*—Grant, Mary S. *Class II*—Hetherington, Eva. *Passed*—Blair, A. D.; Morrison, Helen; Crockett, A. E.; Archibald, E. H.

SECOND FRENCH.—*Class I*—Archibald, H. T.; Archibald, Eugenie; Murray, W. D. *Class II*—Shattell, Lottie M.; DeWolfe, Maggie; Currie, W. D.; Montgomery, Lucy M.; Carmichael, G. W. *Passed*—Archibald, E. M.; Cook, A. D.; O'Brien, O. F.; Corston, James R.; Perry, Anna M.; O'Brien, M. A.; McKinnon, W. T.; Morrison, H. T.; McCuish, K. W.

FIRST FRENCH.—*Class I*—Anderson, C. W.; Routledge, A. W.; Lawlor, Gertrude. *Class II*—Holbrocker, Alma; Black, Walter A.;

Burgoyne, Stanley; Allan, John. *Passed*—Barrow, James; Fisher, A. F.; O'Brien, C. W.; Morton, J. R.; Sutherland, Edith; Cochrane, C. A.

GERMAN.

FOURTH GERMAN: *Class I*—Hill, Amy; Dickie, Gordon. *Passed*—Marshall, Lillian; Johnston, James R.

THIRD GERMAN: *Class I*—Maxwell, Ellen. *Passed*—Thompson, Margaret.

SECOND GERMAN: *Class I*—Hobrecker, Alma; Oakes, Inghen. *Class II*—Macneil, Murray; *Passed*—Ross, W. D.; McIntosh, Douglas.

FIRST GERMAN: *Class I*—Archibald, H. T.; Lawlor, Gertrude; Austin, Missa M. *Passed*—Hebb, A. M.; Lee, Hester, H.; Burgoyne, S.; Stevens, Francis G.; West, A. W.; Allan, John.

ENGLISH.

ADVANCED—*Passed*—Dickie, G.

SENIOR—*Class I*—Murray, J. T.; MacGregor, R. M.; Archibald, H. T. *Class II*—Nicholson, J. W. A.; Ross, W. D.; Murdoch, W. C.; Cumming, Bessie; Selgwick, W. M.; Baker, Elms; Grant, G. A.; *Passed*—Montgomery, Lucy, M.; Shatford, Lottie; Cummings, E.; Wilkie, Florence; Hattie, R. M.; Morton, J. R.; Mahon, H. E.; McLean, S. C.; Cummings, A. G.; Coffin, R. L.; Crockett, A. E.; Reid, Alberta; Skinner, H.; Cook, D. G.; Hetherington, Eva; Cameron, L.; McKay, Mary A.; Keady, D. R.; Thompson, Margaret; Irving, T.; Marshall, Lillian; Murray, W.; Davidson, J. J.; Faulkner, E. R.; Maxwell, G. H.; Burchell, C. J.; Murray, J. C.; (Maxwell, Ellen; Grant, Mary S.)

SECOND YEAR: *Class I*—Davis, R.; Shatford, Lottie; MacRae, D. A.; Montgomery, Lucy. *Class II*—(Wall, A. W.; Wood, G.) *Passed*—Muir, H. Lewis, Bessie; Blanchard, A.; Hockin, J. G.; Ross, W. A.; Murray, N. G.; Kennedy, Elizabeth; Crowe, H. S.; Ross T. J.; Macdonald, D. J.; Donal, J.; Grant, C. F.; Noble, J. D.; Archibald, Eugenie; Buchanan, M. J.; McKenzie, J. B.; Corston, J. R.; (Fulton, C.); Haverstock, A. M.; McIntosh, F. H.; (Archibald, E. M.; Colquhoun, J. G.; DeWolfe, M.); (Reid, H. B.; Logan, Bessie); (Carmichael, J. G.; McKinnon, W. T.); (Cook, A. D.; Dickey, E. E.; McKay, Kate; O'Brien, M. A.); Perry, A. M.; Morrison, H. *Passed in Spring examination*—Ross, A.

FIRST YEAR: *Class II*—Outhit, W. E.; Chase, Margaret; Hobrecker, Alma. *Passed*—Keith, D.; (McLeod, A. M.; Lindsay, C. F.) Macaskill, J. J.; Morrison, J. W. G.; Rattie, Ella; (Lawlor, Gertrude; Murray, A. H. S.; Rice, Grace; Richardson, Lophemia); Routledge, B. W.; (Fryce, D. H.; Sutherland, Edith); (Cunningham, A.; McKenzie, Janie); (Anderson, C. W.; Lee, R. H.); (Glover, B.; Ramsay, J. A.); (McIntosh, C. C.; Massey, J. G. M.); (Stevens, F. G.; West, A. W.); O'Brien, C.; Burgoyne, S. J.; Barrow, J.; McDougall, A. L.; McLeod, J. C.; Allan, J. L.; Black, W. A.; Corrie, C.; Hebb, A. M.; (Cunningham, W. A.; Forbes, G. E.) Muir, J. W.

HISTORY.

FOURTH YEAR: *Class I*—Selgwick, W. M.; Ross, W. D.; Dickie, G. *Class II*—Baker, Elms; Mahon, H. E.; Cumming, Bessie A.; Reid, Alberta. *Passed*—Grant, G.; Marshall, Lillian; Davidson, J. J.; Cummings, A. G.; Sutherland, G. A.; Hill, A. M.; Johnston, J. R.; Murray, J. C.

THIRD YEAR: *Class I*—Nicholson, J. W. A.; Murray, J. T.; Coffin, R. L. *Class II*—Crockett, A. E.; Miller, J. R.; Burchell, C. J.; Austin, Missa May; Washell, W. H.; Reid, D. M.; Shatford, Lottie. *Passed*—McDerm, D.; Cummings, E.; Barrow, A. H.; Wilkie, Florence A.; Faulkner, E. R.; Hetherington, Eva F.; Hattie, R. M.; Cook, D. G.; Thompson, Margaret; McLeod, L. B.; Clarke, H. M.; Dakin, W.; Fisher, A. F.; Forbes, W.; Grant, —; McLean, L. A.; Skinner, H. R.; Maxwell, G. H.; Maxwell, Ellen; Brodie, W. S.; Keady, D. R.; Morton, J. R.; McKay, A. L.; Ross, Arthur.

POLITICAL ECONOMY.

ADVANCED—*Class I*—Dickie, G.; Murray, Wilbur; Reid, Alberta. *Class II*—Hill, Amy. *Passed*—Sutherland, G. A.; Johnston, J. R.; Davidson, Lilla.

JUNIOR—*Class I*—(MacGregor, R. M.; Selgwick, W. M.); (Rodgers, J. A. C.; Oakes, I. *Class II*—Murray, J. T.; Duncan, A. H.; McKay, Mary A. *Passed*—Burchell, C. J.; Baker, Elms; Cumming, M.; Hattie, R. M.; Miller, J. R.; Forbes, W.; Mahon, H. E.; Crockett, A. E.; Cummings, A. G.; Morrison, W. A.; McKay, A. L.; Beattie, W. S.; Maxwell, G. H.; Hill, A. M.; Marshall, Lillian; Murray, J. C.

PHILOSOPHY.

MORAL: *Class I*—McKay, I.; Sutherland, G. A. *Class II*—Oakes, I. *Passed*—Cumming, M.; Robb, A. F.; Douglas, J. B.; Grant, Geo. A.; Murdoch, W. C.; Hill, Amy; Campbell, A. H.; Cropper, J. R.; Hill, A. M.; Irving, T.; Davidson, Lilla; McKay, W. R.; Murray, Wilbur; McRae, D. M.; Reid, Alberta V.; Lischt, Bertha; Cummings, A. G.; Stirling, A. D.; Murray, J. C.

SENIOR: *Class I*—Cumming, Bessie A.; MacGregor, R. M.; McKay, I.; Sutherland, G. A. *Class II*—Austin, M. F.; Clarke, H. M.; Cumming, M.; Cummings, E.; Robb, A. F. *Passed*—Duncan, A. H.; Coffin, R. L.; Grant, Geo. A.; McDerm, D.; Forbes, W.; Campbell, A. H.; Douglas, J. B.; Fisher, A. F.; Reid, D. M.; Hill, A. M.; McKay, W. R.; Murray, L. W.; McKay, A. L.; Selgwick, W. M.; McLean, L. A.; Cook, D. G.; McRae, D. M.; Stirling, A. D.; Keady, D. E.

JUNIOR: *Class I*—McRae, D. A.; Blanchard, A. R.; Muir, H. F.; Dickie, G. *Class II*—Reid, H. A.; Grant, A. A.; Corston, J. R.; Wood, Geo. *Passed*—Macintosh, F. H.; McKenzie, J. R.; Davis, E.; McDonald, D. J.; Hockin, J. G.; Don, J. J.; Haverstock, Alice M.; McKay, Katie W.; Lewis, Bessie R.; Murray, N. G.; Archibald, Eugenie; West, A. W.; Crowe, H. S.; Carmichael, G. W.; Campbell, D. M.; Colquhoun, J. G.; O'Brien, O. F.; Grant, Clarence; Ross, Theo.; Buchanan, M.; Morrison, H. T.; Gould, S. T.; Ross, Arthur; Logan, Bessie; Noble, J. B.; O'Brien, M. A.; Morrison, W. A.; Murray, E. P.; Barrow, L. B.; Kennedy, Elizabeth E.; Perry, Margaret; Rankine, J. M.; Dickey, E. E.; DeWolfe, Margaret W.; McKinnon, W. T.; Fulton, C. *Passed in Psychology*—Rankins, Annie B.

Class I—Cumming, Bessie A.; Mooly, Margaret H.; Haverstock, Alice M. *Class II*—Rankins, Annie B.; Mooney, Ethel; Cumming, M.

MATHEMATICS.

SECOND YEAR: *Class I*—MacRae; Cook; Hockin; Ross, Th.; Blanchard. *Class II*—Carmichael; Haverstock, Miss; Watt; Archibald, Miss; Muir. *Passed*—Lewis, Miss B.; Crowe; MacKenzie; Reid; Davis; Ross, W. A.; MacInnes; Archibald, E.; Grant, C.; DeWolfe, Miss M.; Campbell; O'Brien, O.; Logan, Miss

R.; McKay, Miss K.; Colquhoun; Dickey; Corston; O'Brien, M.; Gould; Wood; Perry, Miss M.; Deall; Fulton; Murray, N. *Passed in Geometry*—Kennedy, Miss E.; Buchanan; Mackay, R. A. *Passed in Algebra and Trigonometry*—Bankine; Macdonald.

FIRST YEAR: *Class I*—Rettie, Miss E.; Barnes; Stevens; *Class II*—Murray, S.; Lawlor, Miss G.; Moody, Miss G.; Ramsay; Anderson; Richardson; Miss L.; Lindsay; Black; Cardiner; Rice, Miss G.; Routledge; Hobb; Outbit; Mackenzie, Miss J. *Passed*—Macintosh; Sutherland, Miss A.; Mackenzie, L. B.; Burgoyne; Keith; Macaskill; Allan; Cunningham; Macdonald; Hobbeker, Miss A.; Morrison, J. W.; Chas, Miss M.; Forbes; Cummings; O'Brien; West; Lee; Forrest; Miss K. *Passed in Algebra*—Maclean, A. B.

PHYSICS.

SENIOR PHYSICS: *Class I*—Cameron, I. W.; McLean, S. C. *Class II*—Macmill, M.; Archibald, E. H. *Passed*—Blair, A. D.; McIntosh, D.; Morrison, H. T.; Urquhart, H. D.

JUNIOR PHYSICS: *Class I*—Cameron, I. W.; Dodge, G. R. *Class II*—McLean, S. C.; Mackay, A. L.; Cunningham, E.; McKay, E.; Austen, M. May. *Passed*—Brodie, W. S. (Reid, D. M.); Fisher, A. F.; Waddell, W. H.; Forbes, W.; Clark, H. M.; Cook, D. G.; Thompson, Margaret; (Burchell), L. J.; Morton, J. R.; Coss, A. D.; Faulkner, E. R.; Maclean, L. A.; Coffin, R. L.; Cumming, M.; Ross, A.); Maxwell, G. H.; Urquhart, H.; (Archibald, E. M.; McObrum, D.); Shinner, H. R.; Hattie, R. M.; D. Kin W.; (Denoon, A. H.; Maclean, H. W.; McLellan, L.) *Passed the Spring examination*—Miller, J. E.

PRACTICAL PHYSICS—*Passed*—Archibald, E. H.

CHEMISTRY.

INORGANIC CHEMISTRY:—*Class I*—Rettie, Ella; Murray, Stewart; Lindsay, C. F.; Lawlor, Gertrude; Barnes, James; McIntosh, C. C.; Routledge, A. W.; Outhie, W. E. *Class II*—Stevens, F. G.; Richardson, Lopham; Hobb, A. M.; Moody, Georgina; Ramsay, J. A. *Passed*—Anderson, C. W.; Allan, J. L.; Macaskill, J. J.; Shinner, H. R.; McLeod, A. M.; Lee, B. H.; McDonnell, A. L.; Morrison, J. W.; Sutherland, Edith F.; Black, W. A.; Cumming, A.; Cunningham, W. A.; Freese, D. H.; Chas, Margaret H.; Hobbeker, Alma; McKenzie, Janie; McKenzie, L. B.; Burgoyne, S.; Forbes, G. E.; Glover, R.; Keith, D.; West, A. W.; McLeod, J. C.

ORGANIC CHEMISTRY: *Class II*—Urquhart, H. D.

PRACTICAL CHEMISTRY: *Class I*—Urquhart, H. D.; Lindsay, C. E.; Barnes, James. *Class II*—Murray, Stewart; Rodgerson, J. A. C. *Passed*—McKay, Mary A.; Stevens, F. G.; McInnis, H. W.

BOTANY.

Class I—Lee, Brenton H. *Class II*—McCluish, K. *Passed*—West, A. W.

APPLIED MECHANICS.

Class II—Blair, A. D. *Passed*—Macdonald, W. A.

CIVIL ENGINEERING.

Class II—Morrison, W. P.; Macdonald, W. A.; Blair, A. D.

SURVEYING.

Class I—Blair, A. D.; Archibald, E. M. *Class II*—McInnes, H. W.

DESCRIPTIVE GEOMETRY.

Class I—MacInnes, H. W.; Archibald, E. M.

FACULTY OF LAW.

DEGREE EXAMINATIONS.

(Containing the names arranged in the order of merit in the First and Second Class, and alphabetically in the Final List, of Students who have passed in the various subjects.)

CRIMES.

Class I.—Dunn; McLatchy; McLeod; Putnam; Mills; Pursey; O'Connor. *Class II*.—Robertson; Boyd; McEachern; Finn; Darwell; Jamieson. *Passed*—Sullivan; Seeley; Leahy; Murray, R. H.

CONSTITUTIONAL LAW.

Class I.—MacGregor; O'Donoghue; Jenks; Morrison, F. A.; McKinnon; Vernon. *Class II*.—Putnam; Ferguson; Phalen; Ross, H. S.; McKenzie; Johnstone. *Passed*—Aitken; Cummings; Knight; McKay, J. W.; Morrison, Metzler; McPhee; Moseley; Oakes; Mahon, H. E.

CONFLICT OF LAWS.

Class I.—McKinnon; Vernon; O'Donoghue; Morrison, F. A.; Ferguson. *Class II*.—Phalen; Ross; McPhee; Aitken. *Passed*—McKenzie; Morrison, Metz, McVicar.

INTERNATIONAL LAW.

Class I.—Bigelow; Pines; Wood; Ross. *Class II*.—Loggie; Scott; McVicar; McKay. *Passed*—Hood; McCart; Tierman.

SHIPPING.

Class I.—Bigelow; Wood; Pines; Murray; Ross. *Class II*.—Scott; Hood; McVicar; McKay; Loggie. *Passed*—McCart; Tierman.

CONSTITUTIONAL HISTORY.

Class I.—Oakes; Dunn; McLellan; McLeod; Burchell. *Class II*—McEachern; Sedgewick; Seeley; McLatchy; Pursey; O'Connor; Mills; Jamieson; Boyd. *Passed*—Darwell; Parsons; Robertson, H. W.; Schurman; Sullivan.

TONES.

Class I.—Putnam; Boyd. *Class II*.—Jamieson; Dunn. *Passed*—McEachern; Mills; Gunn; Robertson; Parsons; Morrison; Pursey; O'Connor; McLeod, J. R.; McLatchy; Leahy; Darwell.

PROCEDURE.

Class I.—Bigelow. *Class II*.—Pines; Murray, R. H.; McKinnon; Ross; Jenks. *Passed*—McLean; Wood; McCart; Scott; McKay.

CONTRACTS.

Class I.—Dunn; O'Connor; Mills; McLeod; MacGregor. *Class II*.—Putnam; McEachern; Boyd; Oakes; Morrison, Metz; Robertson, H. W.; Jamieson. *Passed*—Darwell; Johnstone; Leahy; Mahon; McLatchy; Parsons; Pursey; Seeley; Sullivan.

EQUITY.

Class I.—Wood; McKinnon; O'Donoghue; Bigelow; Morrison, F. A.; Ross, H.; Vernon; Murray, R. H.; Pines; Knight; Loggie. *Class II*.—Ross, H. S.; Phalen; McKenzie; McPhee; Wood; Ferguson; Morrison, Metz; McKay, J. W.; McKay, R. S. *Passed*—Aitken; Gunn; Moseley; McCart; McVicar; Scott; Tierman.

BILLS AND NOTES.

Class I.—Bigelow; Wood; O'Donohue; Loggie; Pines; Ross; H. S.; Morrison, F. A.; McKay, R. S.; Torman; Murray, R. H.; Ross, Hugh; McKinnon; Phalen. *Class II*—McKenzie; Gunn; Vernon; Hood; McKay; Scott. *Passed*.—Ferguson; Knight; Moseley; McCart; McPhee; McVicar.

PARTNERSHIP AND COMPANIES.

Class I.—Wood; Bigelow; Vernon; Pines; McKay, R. S.; Phalen. *Class II*—Murray, R. H.; Morrison, F. A.; McVicar; Hood; Ross, Hugh; McCart; O'Donohue; McKinnon; Gunn; McKenzie; Loggie; McPhee. *Passed*.—Ferguson; Ross, H. S.; Scott; Morrison, Metz; Moseley; Torman; Gunn; Aikhen; McKay, J. W.; Knight.

REAL PROPERTY AND CONVEYANCING (2ND YEAR)

Class I.—Morrison, F. A.; Vernon; McKinnon; O'Donohue; Ferguson. *Class II.*—Knight; Phalen; McKenzie; Gunn; McPhee. *Passed*.—Moseley; McKay, J. W.; Ross, H. S.; Aikhen.

REAL PROPERTY (1ST YEAR.)

Class I.—Robertson, H. W.; Waddell; Boyd; McLatchy; McLeod; O'Connor. *Class II.*—Dunn; Gunn; Fyfe; McEwan; Jamieson; Putnam. *Passed*.—Parry; Mills; Darwell; Slater; Seeley; Leahy; Murray, J. C.; Sullivan.

EXAMINATIONS HELD AT WOLFFVILLE.

CONSTITUTIONAL HISTORY.—*Class I.*—Parry; Farwick. *Passed*.—Parsons; Tufts; Archibald.

FACULTY OF MEDICINE.

MATRICULATION EXAMINATION.

Passed in Latin.—Dorman Oscar Chipman.

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.

Atkinson, Edward Payson; Goodwin, Wendell VanKleeck; McLean, Murdoch Thomas; Munroe, James Gilbert; (Mackay, John St. Clair; McMillan, Charles Edward); Behm, Robert Almon; (Farrell, Louis Patrick; Reynolds, William Pearson); Rodgerson, James Alexander Cummings; Randall, Mary Lella; Armstrong, Tremain Ernst; Forrest, William Duff.

Supplementary.—Shaw, Sidney Everett; McDonald, Edward Murray.

JUNIOR CHEMISTRY.

Rodgerson, James Alexander Cummings; MacKay, John St. Clair; Munroe, James Gilbert; Atkinson, Edward Payson; Goodwin, Wendell VanKleeck; McLean, Murdoch Thomas; Armstrong, Tremain Ernst; McMillan, Charles Edward; (Buckley, Avery Fillic; Fraser, Alexander; Randall, Mary Lella.)

BOTANY.

Lange, Christian Christoph Andrew; Forrest, William Duff; MacKay, John St. Clair; Rodgerson, James Alexander Cummings; Buckley, Avery Fillic; Farrell, Louis Patrick; Randall, Mary Lella; Atkinson, Edward Payson; Almon, William Bruce; Currie, William Douglas; McLean, Murdoch Thomas; Munroe, James Gilbert; Goodwin, Wendell VanKleeck; Reynolds, William Pearson; Armstrong, Tremain Ernst; Fraser, Alexander.

HISTOLOGY.

Munroe, James Gilbert; McLean, Murdoch Thomas; Rodgerson, James Alexander Cummings; Reynolds, William Pearson; Atkinson, Edward Payson; (Armstrong, Tremain Ernst; McMillan, Charles Edward); MacKay, John St. Clair; Randall, Mary Lella; Farrell, Louis Patrick; Goodwin, Wendell VanKleeck; McDonald, Daniel; Almon, William Bruce; Buckley, Avery Fillic; Dickey, Hugh Leverte; Forrest, William Duff.

Supplementary.—Morton, Angus Macdonald; Tremman, Louis Gervaise.

SENIOR ANATOMY.

Lange, Christian Christoph Andrew; Behm, Robert Almon; Morton, Angus Macdonald; Shaw, Sidney Everett; Archibald, Matthew George; Dorman, Oscar Chipman; Brown, Mattie Wynan; Thompson, Alfred; Mackenzie, Murdoch Daniel; Gandler, George Gaw; McDonald, Edward Murray; McDonald, Daniel; Dickey, Hugh Leverte.

SENIOR CHEMISTRY.

Lange, Christian Christoph Andrew; (Archibald, Matthew George; Behm, Robert Almon; Rodgerson, James Alexander Cummings; Thompson, Alfred); Forrest, William Duff; Fraser, Alexander; Morton, Angus Macdonald; Buckley, Avery Fillic; Mackenzie, Murdoch Daniel; Gandler, George Gaw; (McDonald, Daniel; Shaw, Sidney Everett); Currie, William Douglas, written examination for B. A. course.

PRACTICAL CHEMISTRY.

(Archibald, Matthew George; Behm, Robert Almon; Buckley, Avery Fillic); (Morton, Angus Macdonald; Rodgerson, James Alexander Cummings; Thompson, Alfred); Mackenzie, Murdoch Daniel; McMillan, Charles Edward; Currie, William Douglas; (Fraser, Alexander; Shaw, Sidney Everett); (Cook, Alexander David; Dickey, Hugh Leverte; Gandler, George Gaw; McDonald, Daniel; McDonald, Edward Murray.

Special.—Lange, Christian Christoph Andrew; Forrest, William Duff.

PHYSIOLOGY AND EMBRYOLOGY.

Lange, Christian Christoph Andrew; Behm, Robert Almon; (Archibald, Matthew George; Brown, Mattie Wynan; Rodgerson, James Alexander Cummings); Thompson, Alfred; Morton, Angus Macdonald; (Mackenzie, Murdoch Daniel; Shaw, Sidney Everett); Gandler, George Gaw; McDonald, Daniel; Forrest, William Duff; Dickey, Hugh Leverte.

MATERIA MEDICA AND THERAPEUTICS.

Bentley, Robt. Dupuy; Geisler, Robert; Bisset, Ernest Eugene; Lloyd, Cyrus Decker; (Dorman, Oscar Chipman; Fraser, Alexander); Payson, Henry Austin; Gates, Charles Randall.

Supplementary.—Brown, Mattie Wynan; Murray, Duncan; Macdonald, William Henry.

MEDICAL JURISPRUDENCE AND HYGIENE.

Fraser, Alexander; Grierson, Robert; Brown, Mattie Wynand; (Downen, Oscar Chipman; Lloyd, Cyrus Decker); Bentley, Robin Dogwell; (Macdonald, William Henry; Poyzant, Henry Austin); Ross, Ernest Eugene; Slanswhite, Stephen Sinclair; Gates, Charles Randall.

SURGERY, OPHTHALMOLOGY, ETC.

McEwen, Henry Emanuel; Olding, Clara Mary; Williamson, Samuel W.; Ross, Alexander; Murray, Duncan; Macdonald, William Henry.

CLINICAL SURGERY.

McEwen, Henry Emanuel; Murray, Duncan; (Ross, Alexander; Williamson, Samuel W.) Olding, Clara Mary; Macdonald, William Henry.

MEDICINE AND PATHOLOGY.

McEwen, Henry Emanuel; Olding, Clara Mary; Williamson, Samuel W.; Murray, Duncan; Macdonald, William Henry; Slanswhite, Stephen Sinclair.

CLINICAL MEDICINE.

Williamson, Samuel W.; Olding, Clara Mary; McEwen, Henry Emanuel; Macdonald, William Henry; Ross, Alexander; Murray, Duncan; Slanswhite, Stephen Sinclair.

OBSTETRICS AND DISEASES OF WOMEN AND CHILDREN.

Olding, Clara Mary; Williamson Samuel W.; McEwen, Henry Emanuel; Murray, Duncan; Macdonald, William Henry; Ross, Alexander; Slanswhite, Stephen Sinclair.

GRADUATES.

DOCTORS OF LAWS.

(Honoris Causa.)

Bailey, Prof. L. W., <i>M. A., Ph. D., F. R. S. C.</i> , Univ. of N. B.	1896
Gilpin, E., <i>A. M., F.G.S., F.R.S.C.</i> , Inspector of Mines, Halifax	1892
Grant, Very Rev. G. M., <i>D. D., F. R. S. C.</i> , Principal of Queen's Univ., Kingston	1892
Kingsford, William, <i>C. E., LL. D., F. R. S. C.</i> , Ottawa	1896
Mackay, A. H., <i>B.A., B.Sc., F.R.S.C.</i> , Sup't. of Education, Halifax	1892
Patterson, Rev. George, <i>D. D., F. R. S. C.</i> , New Glasgow	1886
Sedgewick, Hon. R., Judge Supreme Court of Canada, Ottawa	1893
Thompson, Hon. Sir J. S. D., <i>K. C. M. G., P. C.</i> , (obit.)	1892

MASTERS OF ARTS.

Allan, Rev. John M., Waterville, Kings	1876
Anzani, Rev. Joseph, <i>D. D.</i> , Santo	1872
Archibald, Sara E., New Glasgow	1894
Archibald, Rev. W. P., Cavendish, P. E. I.	1878
Baxter, Agnes S., <i>Ph. D.</i> , Halifax	1892
Bayne, Prof. H. A., <i>Ph. D., F. R. S. C.</i> , (obit.)	1872
Bent, Tillie Agatha, Farmington, N. S.	1896
Burkitt, Robert J.	1890
Cameron, Rev. J. J., Shakespear, Ont.	1871
Campbell, W. R., Truro Academy	1895
Carr, Rev. A. F., Campbellton, N. B.	1871
Chase, Rev. J. H., Oudow	1869
Creechman, Rev. D. F., (obit.)	1880
Crowell, Rev. Edwin, Canning, N. S.	1891
Carrier, F. A., Gagetown, N. B.	1896
Dickie, Alfred, Upper Stewiacke	1883
Fitzpatrick, H. H. K., <i>LL. B.</i> , Stellarton	1888
Forrest, James, (obit.)	1872
Grant, D. K., Halifax	1891
Grant, M. F., Port Morien	1895
Grant, B. J., <i>B. D.</i> , River John	1895
Harrington, Emily B., Halifax	1894
Herdman, Rev. J. C., <i>B. D.</i> , Calgary	1878
Herdman, W. C., Pictou	1881
Jamieson, Harriet J., Halifax	1893
Jordan, Rev. L. H., <i>B. D.</i> , Toronto	1878
Langille, E. M., <i>LL. B.</i> , New Glasgow	1888
Logan, J. D., <i>M. A., Ph. D.</i> , Harvard University	1894
Logan, Rev. R., Santa Monica, Cal.	1890

McArthur, Rev. S. J., Sherbrooke	1894
Mason, Charles deW., Halifax	1895
McDonald, J. H., (obit.)	1870
Mason, P. M., Pictou	1895
MacGregor, Prof. J. G., D. Sc., Dalhousie Coll.	1874
Macintosh, J., Malagawatch	1896
Mackay, A. W., Colorado	1895
Mackay, J. D., B. D., Earlton	1895
McKenzie, Ellen M., Truro Academy	1895
McKenzie, Hugh, Truro	1875
McKenzie, Prof. J. J., Pk. D., (obit.)	1872
McLennan, Rev. J. W., B. D.	1887
McLeod, Rev. A. W., Pk. D., Thorburn	1878
McLeod, Rev. J. W., (obit.)	1880
McNaughton, Rev. Samuel, Preston, England	1870
Milligan, Rev. G. S., Harbour Grace, Nfld	1896
Morton, Silvana A., Halifax Academy	1894
Murray, Prof. W. C., M. A., Dalhousie Coll., of <i>undes. gradus.</i> ..	1893
Nawcomb, E. L., LL. B., Dep. Min. of Justice, Ottawa	1881
Patterson, George G., New Glasgow	1887
Robins, E. P., Belesque, P. E. I.	1896
Ross, Hedley D. V., Stanley Bridge, P. E. I.	1895
Ross, Jennie W., Kentville Academy	1896
Ross, Mary S., North Belesque, P. E. I.	1896
Scott, Rev. Ephraim, Montreal	1875
Smith, D. H., Truro	1871
Smith, Rev. J. F., (obit.)	1890
Strathie, B. G., Harbour Grace, Nfld	1896
Treman, A. L., D. C. L., St. John	1878

MASTER OF LETTERS.

Muir, Ethel, Pk. D., Halifax	1893
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BACHELORS OF ARTS.

The signs and numbers prefixed in some cases to the names have the following significations:

- ¹ Graduated with High Honours in Classics.
- ² Graduated with Honours in Classics.
- ³ Graduated with High Honours in Latin and English.
- ⁴ Graduated with Honours in Latin and English.
- ⁵ Graduated with High Honours in Greek and English.
- ⁶ Graduated with Honours in Greek and English.
- ⁷ Graduated with High Honours in English and German.
- ⁸ Graduated with Honours in English and German.
- ⁹ Graduated with High Honours in English and English History.
- ¹⁰ Graduated with Honours in English and English History.
- ¹¹ Graduated with High Honours in Philosophy.
- ¹² Graduated with Honours in Philosophy.

¹³ Graduated with High Honours in Mathematics and Mathematical Physics.
¹⁴ Graduated with Honours in Mathematics and Mathematical Physics.
¹⁵ Graduated with High Honours in Experimental Physics and Chemistry.
¹⁶ Graduated with Honours in Experimental Physics and Chemistry.
¹⁷ Graduated with High Honours in Chemistry and Chemical Physics.
¹⁸ Graduated with Honours in Chemistry and Chemical Physics.
¹⁹ Graduated with Great Distinction.
²⁰ Graduated with Distinction.
¹ Governor-General's Gold Medal.
² Governor-General's Silver Medal.
³ Sir William Young's Gold Medal.
⁴ DeMill Gold Medal.
⁵ MacKenzie Gold Medal.
¹ Attained standard qualifying for Gold Medal.
² Nominated for 1891 Exhibition Science Scholarship.
³ Somete <i>me</i> Munro Tutor in Mathematics.
⁴ Somete <i>me</i> 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.

²¹ Adams, H. S., Jesuits' College, Montreal	1884
Aitken, R. T. D., Newcastle, N. B.	1893
¹ Alton, W., Sussex, N. B.	1885
Allan, Rev. John M., Waterville, Kings	1873
Allison, Edmund P., Halifax	1889
Allison, Rev. Matthew G., St. Martins, N. B.	1886
Assand, Edward E., Truro, N. S.	1893
Aumann, Rev. Joseph, D. D., Sauto	1890
Archibald, Adams D., Halifax	1896
Archibald, Alexander D., Valley, Colchester Co.	1896
Archibald, Rev. F. W., M. A., B. D., Pk. D., (obit.)	1877
² Archibald, Sara E., New Glasgow	1892
Archibald, Rev. W. P., B. D., Cavendish, P. E. I.	1872
Baker, Eliza, Sheet Harbor	1896
¹ Bakin, F. W. M., Digby	1892
Barnstead, A. S., Halifax	1893
² Baxter, Agnes S., Pk. D., Halifax	1891
Bayne, Prof. H. A., Pk. D., P. R. S. C., (obit.)	1869
Bayne, Rev. E. S., Mahoe	1871
¹ Bell, F. H., Halifax	1876
¹ Bell, J. A., Texas	1883
Bent, Tillie A., Farmington, N. S.	1896
² Bigelow, H. V., Truro	1894
Blanchard, C. W., Truro	1890
¹ Brebant, E., Harvard Univ.	1894
¹ Brebant, J. W., Westerly, Rhode Island	1891
¹ Brown, E. N., Lower Newcastle, N. B.	1880
Bruce, Rev. W. T., M. D., Church Point, N. B.	1872
Bryden, Rev. C. W., Selkirk	1873

¹² Buchanan, James Jost, Sydney, C. B.	1887
Burgess, Rev. J. C., Danville, Cal., U. S.	1867
¹³ Burkitt, Robert J., Athlone, Ireland	1889
Butler, George K., Yar-mouth	1894
Cahan, Charles H., Halifax	1896
Cairns, Rev. J. A., <i>M. A.</i> , Upper Musquodoboit	1878
Calder, Rev. John, <i>B. D.</i> , West Bay, C. B.	1886
Calzio, W. S., Truro, N. S.	1887
¹⁴ Cameron, C. S., Amherst	1879
†Cameron, Rev. J. H., Bass River, N. B.	1878
Cameron, Rev. J. J., Siskapewas, Ont.	1867
Cameron, William, Merigomish	1873
Campbell, Alexander J., Truro	1886
Campbell, D. F., <i>M. A.</i> , Harvard Univ.	1890
¹⁵ Campbell, George M., <i>M. D.</i> , Halifax	1882
Campbell, R. S., Acad-miy, New Glasgow	1892
Campbell, William R., Truro	1887
Carmichael, J. M., New Glasgow	1872
Carr, Rev. A. F., Campbellton, N. B.	1868
Carson, Rev. G. S., Pictou, N. S.	1882
Chambers, F. B., Truro	1879
Chambers, R. E., Truro	1877
Chapman, Rev. A. E., Salisbury, N. B.	1890
Chase, Rev. J. H., Onalaw	1866
Christie, Rev. T. M., (obit.)	1868
¹⁶ Church, Nina E., Bedford	1896
Clarke, Daniel M.D., Chipman, N. B.	1888
¹⁷ Coffin, Rev. F. J., Instr. in Compar. Religion, Chic. Univ.	1886
Coffin, Rev. F. S., <i>M. A.</i> , Mount Stewart, P. E. I.	1883
¹⁸ Coffin, V. E., <i>Ph. D.</i> , Prof. of History, Univ. of Wisconsin.	1887
Cogwell, G. A., <i>M. A.</i> , Cornell University	1890
¹⁹ Coops, Frank H., <i>M. D. C. M.</i> , New Glasgow	1887
Costley, Alfred, Halifax	1881
Cox, George H., Shelburne	1891
Crawford, J. A., Cardigan, P. E. I.	1894
Croelman, Rev. D. F., (obit.)	1873
²⁰ Croelman, H. G., <i>R. S.</i> , Upper Stewiacke, N. S.	1881
Crichton, J. G. A., Ottawa	1868
Crichton, H. S., Dartmouth	1880
²¹ Crichton, J. E., <i>Ph. D.</i> , Prof. of Metaph., Cornell Univ.	1887
²² Crowell, Rev. Edwin, Canning, N. S.	1889
Cruikshank, Rev. W., <i>B. D.</i> , Montreal	1872
²³ Cumming, Bonnie A., Westville	1896
Cummings, Alfred G., Lower Onalaw	1894
Currie, William D., Halifax	1896
Currier, F. A., Upper Gazetteau, N. B.	1893
Davidson, J. F., Pinos Altos, Grant Co., New Mexico	1882
Davidson, Lilla A., Halifax	1894
Davidson, James McO., Halifax	1889

Dickie, Alfred, Upper Stewiacke	1879
²⁴ Dickie, Gordon, Millford	1896
Dickie, Rev. Henry, Windsor	1883
Dill, Rev. E. M., <i>B. D.</i> , Parrsboro	1884
Douglas, Ernest A., Maitland	1893
Douglas, John R., New Lairg	1896
Doull, W. S., Halifax	1874
²⁵ Duchemin, H. P., Charlestown, P. E. I.	1895
Duff, Kenneth, Lunenburg	1873
Emmerson, R. S. J., (obit.)	1879
Finlayson, Duncan, Grand River, C. B.	1893
Fisher, Rev. J. M., Stewiacke	1890
²⁶ Fitzpatrick, H. H. K., <i>L.L. B.</i> , Stellarton	1885
Fitzpatrick, Rev. James, Saltsprings	1875
Forbes, Antoinette, Academy, Yarmouth	1887
Forbes, E. W., Dartmouth, N. S.	1893
Furthest, James, (obit.)	1868
Foster, A. H., Pictou Landing	1895
Fraser, D. A., Shelburne	1895
²⁷ Fraser, Alex., West River, Pictou Co., N. S.	1889
Fraser, A. L., Blac Mountain	1895
Fraser, Rev. Donald, Hampton, N. B.	1887
²⁸ Fraser, D. A., New Glasgow	1895
Fraser, Hon. D. C., <i>M. P.</i> , New Glasgow	1872
Fraser, Rev. D. S., Springside, Col. Co.	1874
Fraser, H. M., (obit.)	1894
Fraser, Rev. John K. G., Alberton, P. E. I.	1889
†Fraser, Rev. W. M., Halifax	1883
Fraser, W. R., <i>Ph. D.</i> , Prof. of Latin, Colorado Univ.	1882
Fraser, Victor G., Providence, R. I.	1889
Fulton, Eben, (obit.)	1896
²⁹ Fulton, E., <i>M. A.</i> , <i>Ph. D.</i> , Inst. in English, Harvard Univ.	1889
Fulton, G. H., <i>M. D. C. M.</i>	1876
Fulton, W. H., Halifax	1888
³⁰ Gammell, Isaac, Montreal	1885
George, Rev. J. L., <i>M. A.</i> , Bellefille, Ont.	1878
Goodwin, Emily M., St. John, N. B.	1891
Graham, R. H., New Glasgow, N. S.	1892
Grant, D. K., Halifax	1888
Grant, George A., Trinidad	1896
Grant, M. D., Hopewell, N. S.	1894
Grant, M. F., Port Mouton	1894
Grant, R. J., <i>B. D.</i> , River John	1894
Grant, W. R., (obit.)	1877
Gratz, H. G., Sashbury Co., N. B.	1892
Gray, W. S., Hopewell, N. S.	1894
Grierson, John A., Weymouth Bridge	1891
Grierson, Robert, Halifax	1899

Guns, Rev. Adam, Cardigan, P. E. I.	1872
Hamilton, H. H., Pictou	1877
⁹ Harrington, Emily B., Halifax	1892
Harvey, Rev. McLeod, Moser River	1889
Hebb, Bertha B., Maitland	1894
Henry, Joseph K., Shubenacadie	1889
¹⁰ Hepburn, W. M., Pictou	1895
Herdman, A. W., Pictou	1877
Herdman, Rev. J. C., B.D., Calgary	1874
Herdman, W. C., Pictou	1874
Hill, Allan M., Halifax	1896
¹¹ Hill, A. R., Ph. D., Prof. of Psychol., Normal Sch., Wis.	1892
¹² Hobbecker, Clara C. (Mrs. Alex. Laird)	1894
Howatt, Cornelius A., Alberton, P. E. I.	1893
¹³ Hugh, David D., M. A., Cornell University	1891
Huster, John, California	1873
Irving, Thomas, Beatoche, N. B.	1896
Jamieson, Harriet J., Halifax	1894
Johnson, E. W., Upper Stewiacke	1894
¹⁴ Johnson, George F., B.A., Upper Stewiacke	1892
Johnson, Rev. G. M., (obit.)	1888
Johnson, J. B., Loch Broom, N. S.	1892
Jones, Frank, Digby	1884
¹⁵ Jordan, Elijah J., Murray Harbor, P. E. I.	1891
¹⁶ Jordan, E. E., Prince of Wales Coll., P. E. I.	1895
¹⁷ Jordan, Rev. L. H., B.D., Toronto	1875
Keddy, Ralph T., Bridgewater	1892
Kennedy, James S., Port Philip, N. S.	1891
Kinman, F. S., M. D., Centreville	1889
Knowles, J. H., M. D., New Bedford, Mass.	1882
Laird, Rev. Alex., Port Hope, Ont.	1890
¹⁸ Laird, A. G., Ph. D., Prof. of Greek, Univ. of Wisconsin	1889
Laird, G. A., Manitoba	1877
Landells, R., Cedar Hill, B. C.	1882
¹⁹ Langille, R. M., LL. B., New Glasgow	1885
²⁰ Lawson, Thomas, Waterville, N. S.	1893
Layton, J. S., Springhill	1893
Lewis, Rev. Abner W., B. D.	1886
²¹ Lewis, E. W., Principal High School, Campbellton, N. B.	1890
Lindsay, A. W. H., M. B. C. M., Halifax	1870
Lippincott, Aubrey, M. D., Pittsburg, Pa.	1867
Locke, R. T., Locksport	1885
²² Logan, J. D., M. A., Ph. D., Harvard Univ.	1893
²³ Logan, J. W., Academy, Halifax	1894
Logan, Melville, Halifax	1873
Logan, Rev. Richmond, Santa Monica, Cal.	1877
McArthur, Rev. S. J., Sherbrooke	1893
McCurdy, Rev. J. F., Bonshaw, P. E. I.	1891

McCurdy, S. T., New Glasgow	1877
McDonald, A. F., Hopewell, N. S.	1892
McDonald, Rev. A. J., Malagawatch, C. B.	1892
²⁴ Macdonald, Elizabeth, Hopewell	1895
Macdonald, C. deW., Halifax	1873
McDonald, Rev. Donald, B. D., Strathlorne, C. B.	1884
McDonald, Ida Grace, River John	1893
²⁵ McDonald, J. A., Halifax	1883
McDonald, J. H., (obit.)	1867
McDonald, P. M., Pictou	1894
McDonald, Robert J., Hopewell, N. S.	1889
McDonald, William, Truro	1885
Macdonald, W. M., Halifax	1881
MacDowell, Isaac (obit.)	1876
McGlashan, Rev. J. A., B. D., Rosere Mines	1891
McGregor, Rev. Daniel, Amherst	1874
MacGregor, Prof. J. G., D. Sc., P. R. SS. E. & C., Halifax	1871
²⁶ MacGregor, Robert W., New Glasgow	1896
McGregor, T. S., Little Bras d'Or	1883
McIntosh, C. D., Sunnyside	1895
McIntosh, D. C., Springville, N. S.	1890
²⁷ McIntosh, D. S., Port Hood, C. B.	1892
²⁸ McIntosh, J., Malagawatch, C. B.	1894
²⁹ McIntosh, J. A., Halifax	1892
³⁰ MacKay, A. H., B. Sc., P. R. S. C., Supt. of Education	1873
³¹ MacKay, A. W., Colorado	1894
McKay, D. McG., Jefferson Med. Coll.	1893
³² McKay, D. G., Heathbell, Pictou Co.	1890
³³ McKay, Ebenezer, Johns Hopkins Univ.	1886
³⁴ McKay, B. M., B.A. Sc., Marine Dept., Ottawa	1888
Mackay, J. D., B.D., Earlton	1894
Mackay, Rev. Kenneth, Richmond, N. B.	1868
McKay, Mary A., Dartmouth	1896
McKay, M. S., Carleton River, N. S.	1892
³⁵ McKay, Neil F., Regina, N. W. T.	1886
³⁶ McKay, Thomas C., "Parabore"	1893
McKay, William R., Pictou Co.	1896
McKeen, Rev. J. A., Orono, Ontario	1873
³⁷ McKenzie, A. S., Ph. D., Prof. of Physics, Bryn Mawr, Pa.	1885
McKenzie, Ellen M., Stirlington, N. S.	1894
McKenzie, Hugh, Truro	1872
McKenzie, Rev. James, Pugwash	1878
McKenzie, Prof. J. J., Ph. D., (obit.)	1869
McKenzie, Rev. J. W., East St. Peter's, P. E. I.	1882
McKenzie, Rev. W. J., (obit.)	1888
McKinnon, John A., Halifax	1890
³⁸ McKittrick, Burgess, Lunenburg	1877
McLennan, C. A., Englishtown, C. B.	1893

² McLenn, I. M., <i>M. D.</i>	1879
McLenn, Rev. J. A., Harrey, N. B.	1876
McLenn, Rev. J. B., <i>B. D.</i> , Little Harbor, N. S.	1894
McLennan, Rev. J. W., <i>B. D.</i> , N. W. T.	1883
McLennan, S. J., Sydney, C. B.	1888
McLeod, Rev. A. W., <i>P. D.</i> , Thorburn	1875
² McLeod, Ambrose W., <i>M. A.</i> , (obit.)	1888
McLeod, Rev. Donald, Pricerville, Ont.	1874
¹⁰ McLeod, F. J., <i>M. A.</i> , Prof. of English, Univ. of Nebraska.	1890
¹⁰ McLeod, George, Murray River, P. E. I.	1888
McLeod, J. M., <i>M. A.</i> , Valleyfield, P. E. I.	1885
⁶ McLeod, J. P., Principal of High School, Victoria, B. C.	1884
McLeod, Rev. J. W., (obit.)	1870
⁹ McLeod, Malcolm J., Belfast, P. E. I.	1887
McMillan, C. E., Academy, Port Hawkesbury	1891
McMillan, F. A., Alberry Plains, P. E. I.	1891
McMillan, Rev. G. W., Malpeque, P. E. I.	1875
McNair, W. W., Buctouche, N. B.	1895
McNaughton, Elizabeth Sheffield, St. John, N. B.	1891
McNaughton, Rev. Samuel, Preston, G. B.	1867
² McNeill, Charlotte M. (Mrs. H. McInnes)	1887
⁹ MacNeill, Murray, St. John.	1896
McNeil, Boderick, St. Catherine's, P. E. I.	1892
McPhee, Margaret J., Baddeck	1894
¹¹ Macrae, A. O., Edinburgh Univ.	1893
Macrae, A. W., <i>M. A.</i> , St. John, N. B.	1896
McRae, Duncan M., Baddeck	1896
Magoe, W. H., <i>P. D.</i> , Academy, New Glasgow	1891
Mahon, Harry E., Halifax	1896
Martin, Albert J. D., Valleyfield, P. E. I.	1893
¹³ Martin, K. J., Charlottetown, P. E. I.	1885
Mason, Rev. W. A., Georgetown, P. E. I.	1877
Matheson, Rev. J. A., <i>B. D.</i> , Davisburg, N. W. T.	1888
Mellish, Humphrey, Halifax	1882
Millar, Rev. E. D., Yarmouth, N. S.	1899
Millar, George	1890
Milligan, Rev. G. S., Harbor Grace, N.B.	1894
¹⁰ Moore, C. L., Academy, Pictou, N. S.	1891
Morash, Rev. A. V., Upper Colonias	1891
Morris, C. H., McGill University	1895
¹⁰ Morrison, A. M., Instructor in Physics, Chicago Univ.	1888
Morton, Joseph S., <i>A. D.</i> , Shelburne	1876
Morton, R. F., Chester	1895
¹¹ Morton, Silvanus A., Halifax Academy	1886
Munro, Rev. Christopher, Oxford, N. S.	1891
Munro, G. W., 17-27 Vandewater Street, New York	1878
Munro, Rev. J. E., Antigonish	1876
Murdock, William C., Murray River, P. E. I.	1896

¹⁰ Murray, D. A., <i>P. D.</i> , Instr. in Mathematics, Cornell Univ.	1884
Murray, John C., Halifax	1896
Murray, J. S. (obit.)	1877
¹⁰ Murray, Lucy C., Halifax	1893
Murray, R. H., Halifax	1894
Murray, Wilbur, Amherst	1896
Newcombe, E. L., <i>L. B.</i> , Dep. Min. of Justice, Ottawa	1878
¹⁰ Newcombe, M. F. (Mrs. J. S. Trueman), Ladies' Coll., Halifax	1885
¹⁰ Nicholson, Alfred, <i>M. A.</i> , Southport, P. E. I.	1886
Oakes, Ingram, New Albany	1896
¹⁰ Oliver, A. C. L., Digby	1891
¹⁰ Oxley, J. M., <i>L. B.</i> , Montreal	1874
Paton, Vincent J., Bridgewater, N. S.	1889
Patterson, George G., New Glasgow	1882
Pithlode, Colin, <i>M. D.</i> , <i>C. M.</i> , (obit.)	1877
Polley, Rev. J. F., Lower Massachusetts	1895
Pollok, A. W., (obit.)	1872
Putnam, Harold, Truro, N. S.	1893
Putnam, Rev. Homer, Hopewell	1889
Putnam, J. F., Mainland	1894
Putnam, William G., <i>M. B.</i> , <i>C. M.</i> , Yarmouth	1887
Rattee, Rev. E. J., Noel	1890
Robb, Alexander F., St. John	1896
Robertson, S. N., North Bedeque, P. E. I.	1892
Robertson, T. R., Kentville	1888
¹⁰ Robins, E. P., Bedeque, P. E. I.	1895
¹⁰ Robinson, Alexander, Vancouver, B. C.	1886
¹⁰ Robinson, C. R., Kentville	1891
Robinson, D. M., British Columbia	1893
¹⁰ Robinson, G. E., Vancouver, B. C.	1885
Robinson, Rev. J. M., Moncton	1873
¹⁰ Rodgeron, J. A. C., Piquin, P. E. I.	1896
Rogers, Rev. Anderson, New Glasgow	1878
Ross, Alexander, Dalhousie, N. B.	1867
¹⁰ Ross, George E., <i>B. D.</i> , N. W. Arm, Halifax	1893
¹⁰ Ross, Hedley D. V., New York State	1893
¹⁰ Ross, Jennie W., Kentville Academy	1895
¹⁰ Ross, Mary S., N. Bedeque, P. E. I.	1894
Ross, Rev. William, Prince William, N. B.	1873
Ross, William D., Stanley Bridge, P. E. I.	1896
¹⁰ Rowlings, G. A. R., Halifax	1890
Russell, Rev. A. G., Oyster Bay, L. I., N. Y.	1871
¹⁰ Schnrman, G. W., New York	1890
Scott, Rev. Ephraim, Montreal	1872
Scott, Rev. Prof. H. McD., <i>D. D.</i> , Chicago	1870
Scott, J. McD., (obit.)	1877
Selgewick, J. A., Halifax	1881
Selgewick, Hon. Robert, Judge Supreme Court of Canada.	1867
Selgewick, William M., Tatamagouche	1896

¹¹ Shaw, Henry C., Stanhope, P. E. I.	1887
¹² Shaw, James C., <i>M. A.</i> , Vancouver High School, B. C.	1887
Shaw, Robert (obit.)	1896
² Simpson, F. S., <i>B. A.</i> , Halifax.	1894
Simpson, Rev. Isaac S., Lacorne, Ind., U. S. A.	1898
Smith, Alex., Princeton.	1895
Smith, Rev. D. H., Truro.	1897
Smith, Rev. Edwin, Middle Musquodoboit.	1897
Smith, E. B., Truro.	1899
¹³ Smith, Rev. James F., <i>B. D.</i> , (obit.)	1896
Smith, W. H., <i>B. D.</i> , Ferrona.	1894
Smithers, Rev. Allan, Waterford, N. B.	1889
¹⁴ Solom, D. M., Principal New Glasgow High School.	1888
Spencer, Rev. W. H., Montague, P. E. I.	1881
Stairs, H. B.; Halifax.	1891
Stewart, Alexander F., Pictou.	1887
¹⁵ Stewart, Donald, <i>M. D.</i> , Bridgewater.	1886
Stewart, F. I., Academy, Sydney.	1880
¹⁶ Stewart, James McG., Pictou.	1876
Stewart, Rev. Thomas, <i>D. D.</i> , Dartmouth.	1882
Stirling, Alexander D., Clifton, P. E. I.	1896
¹⁷ Stirling, John, Clifton, P. E. I.	1893
Stramborg, H. M., New Westminster, B. C.	1875
Strathie, R. G., Harbor Grace, Nfld.	1895
Sutherland, George A., Earlton.	1896
Sutherland, Rev. J. M., Virden, Man.	1899
¹⁸ Sutherland, Rev. J. S., Sussex, N. B.	1888
Taitrie, G. P., River John, N. S.	1894
Taylor, W. B., (obit.)	1884
¹⁹ Thompson, Rev. A. W., <i>M. A.</i> , Couva, Trinidad, W. I.	1885
Thompson, F. W., Merigonish.	1891
Thompson, Willard S., North Sydney.	1893
Thomson, A. E., Halifax.	1880
Thorburn, W. M., I. C. S., Madras Pres., India.	1870
Torrey, E. J., Windsor.	1882
Trefry, J. H., Halifax.	1895
Trueman, A. I., <i>D. C. L.</i> , St. John.	1872
²⁰ Trueman, Prof. J. S., (obit.)	1882
Tudis, Rev. W. M., <i>M. A.</i> , Belem, P. E. I.	1885
²¹ Tupper, J. W., <i>Ph. D.</i> , Johns Hopkins' Univ.	1891
Turner, D. F. D., London, G. B.	1884
²² Waddell, Prof. John, <i>Ph. D.</i> , <i>D. Sc.</i> , Kingston, Ont.	1877
Wallace, Rev. John, Lone City, Amador, Cal., U. S.	1870
²³ Webster, K. G. T., <i>M. A.</i> , Milton High School, Mass.	1892
West, T. F., Prince of Wales College, Charlottetown.	1891
²⁴ Weston, Clara P., White River Junction, Vt.	1892
²⁵ Weston R. A., Northern Pacific Ry. Co., St. Paul.	1892
Whitman, Alfred, Halifax.	1878
²⁶ Yorsten, F., <i>B. A.</i> , Pictou.	1894

BACHELORS OF LETTERS.

(For the signification of signs and numbers prefixed to the names, see p. 126.)

Fraser, J. G., Toronto.	1892
Guns, A. D., East River, St. Mary's.	1895
Hill, Amy, Halifax.	1896
Johnston, J. R., Halifax.	1896
McDonald, Rev. A. D., Charlottetown.	1894
McKay, W. F., Truro.	1895
Marshall, Lillian E., Halifax.	1896
Montgomery, John, St. John.	1891
Muir, Ethel, <i>Ph. D.</i> , Halifax.	1891
¹ Ritchie, Elias, <i>Ph. D.</i> , Assoc. Prof. of Philos., Wellesley Coll. 1887	

BACHELORS OF SCIENCE.

(For the signification of signs and numbers prefixed to the names, see p. 126.)

Arthur, Rev. George, Lakeside, N. W. T.	1893
Cameron, A. G., Newton, Guysborough Co.	1882
Campbell, G. G., <i>M. D.</i> , Truro.	1883
Forrest, W. D., Halifax.	1895
†Fraser, Rev. W. M., <i>B. A.</i> (Dal.), Halifax.	1880
² Lange, C. C. A., Halifax.	1895
McColl, A., New Glasgow.	1883
³ McIntosh, D., New Glasgow.	1896
McIntosh, D. S., <i>B. A.</i> (Dal.), McGill Univ.	1896
McKean, G. W., Harvard Univ.	1892
⁴ McKittrick, F. J. A., Cornell Univ.	1894
Miller, J. J., Halifax.	1883
O'Brien, R. F., Noel, Hants Co.	1893
⁵ Reid, A. G., <i>M. B. Ch. M.</i> (Edin.), England.	1883
Smith, Rev. H. McN.	1884
⁶ Stewart, Anne A., Philadelphia.	1886

BACHELORS OF LAWS.

Allison, Edmund P., <i>B. A.</i> (Dal.), Halifax.	1891
Anderson, A. B., <i>B. A.</i> (Mt. All.), Lunenburg.	1893
Armstrong, B. H., Halifax.	1890
Armstrong, E. H., Yarmouth.	1888
Barnsted, A. D. B. A. (Dal.), Halifax.	1895
Bennett, A. W., Sackville, N. B.	1885
Bennett, R. B., Chatham, N. B.	1893
Bignow, H. V., <i>B. A.</i> (Dal.), Truro.	1896
Bill, E. M., <i>B. A.</i> (Acad.), Shelburne.	1892
Blackadar, H. S., <i>B. A.</i> (Acad.), Halifax.	1892

Boak, H. W. C., Halifax	1885
Borden, H. C., Halifax	1894
Bowser, William J., Vancouver, B. C.	1890
Brown, H. W., B. A. (Acad.), Wolfville	1893
Burns, C. B., B. A. (Queen's), Halifax	1894
Cahsa, Charles H., B. A. (Dal.), Halifax	1890
Calder, Fred., Port Hood	1892
Cameron, D. A., Sydney	1893
Campbell, Alex., Sydney	1889
Campbell, Alex. J., B. A. (Dal.), Truro	1889
Campbell, J. R., B. C. L. (Kings), St. John	1888
Cartor, Titus James, Andover, N. B.	1887
Cartor, William D., Richibucto, N. B.	1886
Casoy, C. E., B. A. (Mt. All.), Amherst	1892
Chisholm, Joseph A., Halifax	1886
Cluney, Andrew, Halifax	1887
Congdon, F. H., Halifax	1891
Congdon, F. T., B. A., LL. B. (Tor.), Halifax, <i>ad eandem gradum</i>	1889
Copp, A. B. Jolicure	1894
Corbett, J. E., Truro	1892
Crowe, R. W., B. A. (Mt. All.), Halifax	1894
Crowe, Walter, Sydney	1886
Cummings, Selden W., B. A. (Acad.), Truro	1889
Davison, J. McG., B. A. (Dal.), Halifax	1891
Dockrill, G. O. M., New Westminster, B. C.	1893
Doull, W. S., B. A. (Dal.), Halifax	1888
Doyle, Matthew N., Halifax	1892
Fairweather, F. L., Sussex, N. B.	1890
Fairweather, S. L., St. John	1891
Finlayson, Duncan, B. A. (Dal.), Grand River, C. B.	1895
Forsythe, G. O., B. A. (Acad.), Port Hawkesbury	1889
Frane, J. F., Halifax	1890
Fraser, A. H. B., Cornell University	1892
Fullerton, C. P., Halifax	1895
Fulton, E. M., Cornell University	1892
Fulton, J. A., Lower Stewiacke	1893
Fulton, W. H., B. A. (Dal.), Halifax	1892
Gitroir, E. L., B. A. (St. Fran. Xav.), Big Treadle	1895
Graham, R. B., Brookfield	1898
Graham, B. H., B. A. (Dal.), New Glasgow	1894
Grant, D. K., M. A. (Dal.) Halifax	1895
Gregory, C. E., Antigonish	1888
Grierson, J. A., B. A. (Dal.), Weymouth Bridge	1893
Hamilton, C. F., B. A. (Univ. Coll., Ottawa), (obit.)	1890
Hanraigh, Fred. W., B. A. (Kings), Halifax	1887
Henry, W. A., Halifax	1886
Hewson, E. H., B. A. (Mt. All.), Oxford, N. S.	1894
Hill, W. A. G., Sydney	1894

Hood, John, Shelburne	1890
Howay, F. W., New Westminster, B. C.	1890
Huggins, W. H., St. John	1890
Irving, R. A., Beatoche, N. B.	1894
Ives, W. B., Pictou	1885
Jenks, Stewart Dixon, LL. B. (Cornell), Parrsboro	1896
Jennison, Hedley V., New Glasgow	1896
Johnston, L. M., Halifax	1892
Jones, H. T., Halifax	1888
Kneifer, Ralph T., B. A. (Dal.), Bridgewater	1895
Kenny, J. B., Halifax	1893
King, H. W. DeW., Windsor	1895
Lane, C. W., Lunenburg	1887
LeNoir, M. U., Halifax	1885
Logan, H. J., Amherst	1891
Loggie, William James, Chatham, N. B.	1896
Lovett, Henry A., B. A. (Acad.), Truro	1889
Lovett, Lawrence A., Kentville	1893
Lyons, William A., Halifax	1887
McBeide, Richard, New Westminster, B. C.	1890
McCaw, Leander D., B. A. (Acad.), Bulawayo, South Africa	1896
McCoy, W. B., B. A. (Mt. All.), Halifax	1893
McCready, Charles A., Moncton	1888
McCrully, Frank A., B. A. (U. N. B.), Sussex	1887
McDonald, A. F., B. A. (Dal.), Hopewell	1894
McDonald, A. J., B. A. (St. Fran. Xav.), Sydney	1891
Macdonald, E. M., Pictou	1887
McDonald, Joseph, North Sydney	1891
McDonald, J. A., B. A. (Dal.), Halifax	1886
McDonald, L. X., Sydney	1892
McDonald, William, B. A. (Dal.), Truro	1890
Macleith, B., Halifax	1895
McLennan, Hector, Halifax	1888
McKay, Adams A., B. A. (McGill), Halifax	1888
McKay, Robert Sims, Plymouth	1896
McKinnon, D. A., Georgetown, P. E. I.	1887
MacKinnon, J. A., B. A. (Dal.), Halifax	1892
McLately, Henry F., Hillsboro, N. B.	1887
McLean, A. K., Lunenburg	1892
McLennan, C. A., B. A. (Dal.), Englishtown, C. B.	1895
McLennan, D., Port Hood	1888
McNeill, Alex., B. A. (St. Fran. Xav.), Halifax	1891
McNeill, Albert H., Vancouver, B. C.	1889
McPhee, D. L., North Sydney	1890
McVicar, Ronald, Fort Morien	1896
Magee, Edgar A., Vancouver, B. C.	1888
March, S. E., Bridgewater	1893
Mathers, F. F., Halifax	1892
Mellish, Humphrey, B. A. (Dal.), Halifax	1890

Milliken, A. E., Moncton	1880
Montgomery, John, <i>B. L.</i> (Dal.), St. John	1803
Mooney, F. C. C., (obit.)	1885
Morise, A. B., St. John's, Nfld.	1802
Marrison, Anslay, New Westminster, B. C.	1888
Mars, C., Ottawa	1885
Muro, H. H., Yarmouth	1895
Murray, R. G., St. John	1892
Murray, R. H., <i>B. A.</i> (Dal.), Halifax	1896
Notling, Thomas, Halifax	1800
Orbitz, J. F., Halifax	1805
Ozley, C. H., <i>B. A.</i> (Mt. All.), Oxford	1800
Paton, Vincent J., <i>B. A.</i> (Dal.), Bridgewater	1801
Patterson, George G., <i>M. A.</i> (Dal.), New Glasgow	1889
Payson, John A., <i>B. A.</i> (Kings), Halifax	1803
Payson, W. L., <i>B. A.</i> (Kings), Halifax	1804
Pine, Avar Vernon, <i>B. A.</i> (Acad.), Kentville	1803
Publington, H. F., St. John	1803
Roberts, J. A., Bridgewater	1890
Robertson, H. McN., Barrington	1886
Robertson, S. G., <i>B. A.</i> , New Glasgow	1894
Robertson, T. B., <i>B. A.</i> (Dal.), Kentville	1890
Rogers, H. W., Amherst	1887
Ross, Henry T., <i>B. A.</i> (Acad.), Bridgewater	1889
Ross, Hugh, Port Morien	1806
Rowling, G. A. R., <i>B. A.</i> (Dal.), Halifax	1803
Ruggles, N. C., Lunenburg	1801
Russell, F. W., <i>L.L. M.</i> , Dartmouth	1803
Russell, Joseph A., Yancouver, B. C.	1887
Saugster, H. W., <i>B. A.</i> (Mt. All.), Windsor	1892
Schuman, George W., <i>B. A.</i> (Dal.), New York	1892
Scott, Frank L., <i>B. A.</i> (Mt. All.), Amherst	1896
Soldgewick, J. A., <i>B. A.</i> (Dal.), Halifax	1885
Shaw, A. E., <i>B. A.</i> (Acad.), Windsor	1801
Shaw, G. S., St. John	1805
Shear, J. A., St. John	1800
Smith, Bowyer S., St. John	1892
Stairs, Harry B., <i>B. A.</i> (Dal.), Halifax	1803
Stevens, D. J., Halifax	1800
Ternan, G. C. B., Halifax	1896
Thompson, S. R.	1886
Thompson, W. E., Halifax	1803
Thomson, Walter K., Halifax	1887
Tilley, L. P. D., St. John	1803
Tobin, Thomas F., Halifax	1889
Tremaine, C. F., Halifax	1805
Troop, Arthur G., <i>B. A.</i> (Acad.), Halifax	1886
Trueman, W. H., St. John	1892
Wallace, W. B., Halifax	1885

Wash, W. W., Halifax	1886
Wells, W. Woodbury, Point DeBate	1896
White, T. H., <i>B. A.</i> (Kings), Shelburne	1891
Whitford, Joseph A., Bridgewater	1889
Whitman, Alfred, <i>B. A.</i> (Dal.), Halifax	1885
Wickwire, H. H., <i>B. A.</i> (Acad.), <i>M. P. P.</i> , Digby	1891
Wood, John E., <i>B. A.</i> (Acad.), Halifax	1896
Woodworth, C. M., <i>B. A.</i> (Acad.), S. Edmonton, N. W. T.	1893

DOCTORS OF MEDICINE AND MASTERS IN SURGERY.

Bethune, J. L., <i>M. P. P.</i> , Baddeck	1875
Byers, D. W., New Annap	1805
Campbell, D. A., Halifax	1874
Chisholm, Donald, Antigonish	1874
Coady, Patrick S. F., Margaree, C. B.	1890
Cogswell, W. F.	1894
Cox, Robinson, Stewiacke	1875
Deelman, A. A., Musquodoboit	1894
DeWells, G. H. H., (obit.)	1873
Drysdale, G. N., Seattle, Washington Territory	1892
Fairbanks, H. G., Springfield	1895
Grant, William, North Sydney	1892
Hamilton, Annie J., Halifax	1894
Hamilton, C. A., New Germany	1891
Hiltz, C. W., (obit.)	1872
Irwin, Archer, Halifax	1802
Johnson, Isaac W., Tatamagouche	1801
Kent, H. V., Truro	1890
Lindsay, A. W. H., <i>B. A.</i> (Dal.), <i>M. B. C. M.</i> (Edin.), Halifax	1876
McAulay, M. W., Grand River, C. B.	1803
McCharles, H. W., Winnipeg	1892
McDonald, J. C., Riversville, Hants	1895
MacDonald, William Henry, Truro	1896
McEwen, Henry E., St. Peter's Bay, P. E. I.	1896
McGeorge, Thomas, (obit.)	1893
McKay, Katherine J., Plimfield, N. S.	1895
McMillan, Finlay, Sheet Harbour, N. S.	1872
McRae, William, (obit.)	1872
Meyer, E. J., Halifax	1893
Moore, E. F., <i>B. A.</i> (Mt. All.), Halifax	1890
Morrow, A., <i>M. B. C. M.</i> (Edin.), <i>MD</i> <i>cum</i> <i>honore</i>	1893
Muir, W. S., <i>L. R. C. P.</i> 4 & 8 (Edin.), Truro	1875
Munro, C. R., River John	1895
Murphy, G. N., <i>M. D.</i> (Bellevue), Windsor	1895
Murray, Duncan, Mendonville, Pictou	1896
Odling, Clara Mary, Woodburn, Pictou	1894
Rice, F. E., Digby	1893

Robert, Cassimir, Arichat, C. B.	1875
Simpson, H. O., Dartmouth	1895
Sutherland, Roderick, (John)	1872
Turnbull, G. D., Hebron, Yarmouth	1892
Williamson, Samuel W., Loganville, Pictou	1899
Woodworth, P. C., Kentville	1892

STUDENTS, 1895-96.

FACULTY OF ARTS.

GRADUATE STUDENTS.

Archibald, Alexander D., B. A.	Valley, Colchester Co.
Bent, Tillie Agatha, B. A.	Farmington, N. S.
Foster, Arthur Hayward, B. A.	Pictou Landing.
Frame, D. A., B. A.	Simonsville.
Fraser, Alexander Lewis, B. A.	Blue Mountain.
Lawson, Thomas, B. A.	Waterville, N. S.
McIntosh, Charles D., B. A.	Sunapease.
McNairn, W. W., B. A.	Bustosche, N. B.
Milligan, George Senton, B. A.	St. John, N. B.

UNDERGRADUATES.

In Arts.

FOURTH YEAR.

Baker, Elma	Sheet Harbour, Halifax Co.
Batler, George Kilian	Kelly's Cove, Yarmouth Co.
Church, Nina Elizabeth	Bedford.
Cunning, Bessie Arnet	Westville, Pictou Co.
Cummings, Alfred Graham	Lower Ouslog.
Currie, William Douglas	Halifax.
Davidson, Lilla Augusta	"
Dickie, Gordon	Millford.
Douglas, John Robert	New Laird, Pictou Co.
Grant, George Alexander	Trinidad.
Hill, Allan Massie	Halifax.
Irving, Thomas	Mill Branch, Kent, N. B.
MacGregor, Robert Malcolm	New Glasgow.
McKay, Mary Alexandra	Dartmouth.
McKay, William Roderick	Springville.
Macneil, Murray	St. John, N. B.
McEae, Dunan Murdoch	Baldock, C. B.
Mahon, Harry Edmund	Halifax.
Murdock, William Clarence	Murray River, P. E. I.
Murray, John Carey	Halifax.
Murray, Wilbur	Amherst.

Oakes, Ingrain	New Albany.
Robb, Alexander Francis	St. John, N. B.
McGonner, James Alexander Cummings	Fluquid, P. E. I.
Rees, William Daniel	Stanley Bridge, P. E. I.
Sedgewick, William Middleton	Tataragouche.
Stirling, Alexander Dinwoadie	Clifton, P. E. I.
Sutherland, George Adams	Earltown.

THIRD YEAR.

Archibald, Herbert Thompson	California.
Austen, Minna May	Halifax.
Brodie, William Stuart	"
Burchell, Charles Jost	Sydney, C. B.
Cameron, Ira William	New Glasgow.
Clark, Harold Maeston	St. Stephen, N. B.
Cock, Daniel George	West River, Pictou.
Coffin, Robert Lewis	Charlottetown, P. E. I.
Cumming, Melville	Truro.
Cummings, Edward	Halifax.
Dakin, William	Truro.
Denson, Alexander Hugh	Westville, Pictou Co.
Faulkner, Ebenezer Ross	Folly Village.
Forbes, William	Little Harbour, Pictou Co.
Grant, Mary Sibella	Fort Morien, C. B.
Hattie, Robert McConnell	Halifax.
Hetherington, Eva Florence	"
Kelly, Douglas Ross	Malone Bay.
McKay, Alexander Leonard	Balmora Mills.
McKay, Ira	Pictou.
McLean, Stewart Clifford	New Glasgow.
McLellan, Leander	Neel Shore, Hants.
Maxwell, George Herbert	Halifax.
Millar, James Ross	Dartmouth.
Morton, James Roland	Milton, Queens Co.
Murray, John Tucker	Truro.
Nicholson, John William Angus	Oban, Richmond Co.
Reid, David McKee	Middle Musquodoboit.
Shinner, Henry Robert	Halifax.
Thompson, Margaret	Antigonish.
Unghast, Howard D.	St. Peter's, C. B.
Vaddell, William Henry	Halifax.
Wilkie, Florence Annie	"
Young, Milton Robert	Millerville, Pictou Co.

SECOND YEAR.

Blanchard, Aubrey Blanchard	Truro.
Buchanan, Murdoch	St. Ann's, Victoria Co.
Campbell, Dunan McDonald	Truro.

Carniebael, George William	Halifax.
Colquhoun, John George	Little Harbour, Pictou Co.
Curton, James Robert	Halifax.
Crowe, Henry Stanley	Central Onslow.
Davis, Roy	Clifton, Colchester Co.
DeWolfe, Maggie Woodhill	Halifax.
Doull, John	New Glasgow.
Fulton, Clarence	Lower Stewiacke.
Grant, Clarence Fraser	Port Moresby, C. B.
Hockin, John George	Halifax.
Kennedy, Elizabeth Krota	"
Lewis, Beattie Blanche	Truro.
Logan, Beattie Margaret	"
Macdonald, Daniel John	Point Prim, P. E. I.
McKay, Katie Wetmore	Dartmouth.
McKenzie, John Bradshaw	Campbellton, N. B.
Macintosh, Finlay H.	Somerset, Pictou Co.
McKee, Donald Alexander	Canoe Cove, P. E. I.
Munro, Henry Fraser	Pictou.
Murray, Norman Grant	Halifax.
O'Brien, Milton Addison	Noel, Hants Co.
Rankine, James Miller	Halifax.
Road, Hibbert Robert	Athol, Cumberland Co.
Ross, Theodore	North Bedouque, P. E. I.
Simpson, Stuart	Bay View, P. E. I.
Watt, Arthur William	Pictou.
Wood, George	Halifax.

FIRST YEAR.

Anderson, Charles Willoughby	Halifax.
Barnes, James	"
Blak, Walter Allan	"
Chase, Margaret Hawthorne	Onslow.
Camming, Allison	Truro.
Farber, George Ernest	Little Harbour, Pictou Co.
Fraser, Doo H.	Calgary.
Glover, Benjamin	Georgetown, P. E. I.
Keith, Donald	Halifax.
Lindsay, Charles Fowler	"
McGeachy, Robert Duncan	St. Stephen, N. B.
Mackenzie, Janie	Halifax.
MacKenzie, Luther Burns	Bellford, Halifax.
Murray, Adam Henry Stewart	Halifax.
Outhit, William Edward	Melvern Square, Annapolis.
Ramsay, James Archibald	Hamilton, P. E. I.
Rice, Grace Elizabeth Bernard	Weymouth.
Richardson, Lophemia	Truro.
Rogledge, Arthur Weston	Sydney, C. B.

In Letters.

FOURTH YEAR

Hill, Asya	Halifax.
Marshall, Lillian Elizabeth	"
Johnston, James Robinson	"

FIRST YEAR.

Hobrecker, Alma Helena	Halifax.
Lawlor, Gertrude Louise	"

GENERAL STUDENTS.

Archibald, Eugenie	Truro.
Archibald, Oliphant Miller	Valley Station, Col. Co.
Barnstedt, Laura Gables	Halifax.
Bayne, George Hunter	"
Barrows, Leopold Reid	Bermuda.
Campbell, Alvin Henry	Milford, Hants Co.
Campbell, Robert	Halifax.
Chisholm, Winnifred Blanche	"
Christie, Annie Elizabeth	"
Cooke, Allan Percy Archer	"
Cosman, Cora B.	"
Cordner, Charles Alonso	Sydney, C. B.
Crockett, Albert Edwin	Hopewell, Pictou Co.
Cropper, James Bannett	St. Louis, West Indies.
Cropper, Selina	"
Crowe, Harry Judson	Halifax.
Crowe, Mrs. Harry Judson	"
Cunningham, Edith	"
Cunningham, William Andrew	Tatamagouche.
DeWolfe, Henrietta Elizabeth	Halifax.
Dickey, Edwin Egbert	Upper Canada.
Farrell, Lewis	Halifax.
Fisher, Arthur Franklin	Lower Stewiacke.
Forrest, Katie	Halifax.
Gould, Stewart Talmage	"
Harrington, Agnes H.	"
Harrington, Maad H.	"
Hart, Grace Maria	"
Hebb, Arthur Morrison	Bridgewater.
Hughson, James Edward	Aylesford, Kings Co.
Lee, Brenton Harry	Berwick, Kings Co.
Liechi, Bertha	Halifax.
Lyall, Jean Butchison	"
Macaskill, John James	Little Narrows, C. B.
McCuish, Kenneth Angus	St. Peter's, C. B.
McDonald, Archibald J.	"
Macdonnell, Albert Leane	Moncton.

McIntosh, Charles Campbell	Malagawatch, C. B.
MacKay, Robert Grant	Springville, Pictou.
MacKenzie, Elina	Halifax.
McKinnon, William Thomas	Amherst.
Maclean, Langhlin A.	Marsby Bays, Pictou Co.
MacLauri, Albert Morris	Lorne, Pictou Co.
McLeod, John Charles	Port Caledonia, C. B.
McOdrum, Donald	Mira, C. B.
Maxwell, Ruth Ellen	Halifax.
Meat, John William	"
Montgomery, Lucy Mand	Carendish, P. E. I.
Moody, Georgina Mand	Halifax.
Morrison, Agnes Lillian	Dartmouth.
Morrison, Helena	"
Morrison, Hugh Thomas	"
Morrison, John Scoble Metzer	St. Peter's, C. B.
Morrison John William Goldie	Catalona, C. B.
Morrison, William Angus	Middle River, C. B.
Murphy, Amelia	Halifax.
Murray, Robert Pollock	Hillsboro, C. B.
Noble, John Duncan	Miramichi.
O'Brien, Clarence Wilbe t	Nesl, Hants Co.
O'Brien, Osmund Franklin	"
Pennington, John Wesley	Sand Point, Shelburne Co.
Perry, Anna Margaret	Sheffield Mills, Yr. Co.
Phillips, Ralph James	"
Reid, Alberta Victoria	Dorchester.
Rettie, Ella	Truro.
Ross, Arthur	Ferrous, Pictou Co.
Ross, William Alexander	Lorne, Pictou Co.
Shutfield, Lottie Olive	Hulbard's Cove.
Sutherland, Edith Frances	Baldock, C. B.
Turner, John	New Glasgow.
West, Aed William	Cambridge, Kings Co.

FACULTY OF PURE AND APPLIED SCIENCE.

UNDERGRADUATES.

FOURTH YEAR.

Macdonald, William Angus	Halifax.
McIntosh, Douglas	New Glasgow.
McIntosh, Donald Sutherland, B. A.	Port Hood, C. B.

THIRD YEAR.

Archibald, Ebenezer Henry	Harmony, Colchester Co.
Blair, Alexander David	Loch Broom, Pictou.

STUDENTS.

SECOND YEAR.

Archibald, Ernest Matthew	Halifax.
Cook, Alexander David	"
McInnes, Henry Walter	"

FIRST YEAR.

Allan, John Lorne	Halifax.
Burgoyne, Stanley John	"

GENERAL STUDENTS.

Dodge, George Blanchard	Halifax.
Haverstock, Alice Mand	"
Moody, Maggie	"
Mooney, Ethel	"
Morrison, William Peter	"
Nissen, Julius Marcellus	"
O'Donnell, Florence M.	"
Rankine, Annie Bowdon	"
Stevens, Francis George	"

FACULTY OF LAW.

UNDERGRADUATES.

THIRD YEAR.

Bigelow, Harry Veeder, B. A.	Truro.
Hood, John	Shelburne.
Jenks, Stuart Dixon	Parrsboro.
Loggie, William J.	Chatham, N. B.
McCart, Leander D., B. A.	Economy.
McKay, Robert S.	Plymouth.
McVicar, Ronald	Port Mouton
Murray, Robert H., B. A.	Halifax.
Pines, Avaril V., B. A.	Kentville.
Ross, Hugh	Port Mouton
Scott, Frank B., B. A.	Amherst.
Ternan, G. C. B.	Halifax.
Wood, John E., B. A.	Halifax.

SECOND YEAR.

Aitken, R. Traven D., B. A.	Newcastle, N. B.
Ferguson, William McM	Easttown.
Gunn, Alexander D., B. L.	St. Mary's.
Knight, James A.	Halifax.
McKay, John W.	Pictou.
MacKenzie, Alexander G.	Amherst.
McKinnon, John L., B. A.	Antigonish.
McPhee, Stewart	West Bay.
Morrison, Frederick A.	Milltown, N. B.
Mosley, Edgar William	Sydney.

O'Donoghue, Robert, B. A.	Antigonish.
Phalen, Robert F.	North Sydney.
Ross, Howard S.	North Sydney.
Vernon, Gilbert H.	Truro.

FIRST YEAR.

Doyl, John A., B. A.	Antigonish.
Darwell, Frederick W.	Dover, England.
Finn, Robert E.	Dartmouth.
Leahy, William J.	Halifax.
McLachy, Henry O.	Grand Pré.
McLeod, John R.	Springhill.
Mills, Nehemiah M.	St. Stephen, N. B.
Morrison, J. S. Metzler.	St. Peter's, C. B.
Parsons, William R.	Halifax.
Pearson, George F.	"
Phalen, Thomas M.	Little Bras d'Or.
Parney, Willard P.	Shelburne.
Putnam, Harold, B. A.	Lower Onslow.
Robertson, Henry W.	St. John, N. B.
Slyater, James M.	Halifax.
Sullivan, Harry B.	"

GENERAL STUDENTS.

Barchell, C. J.	Sydney.
Cummings, Alfred Graham	Lower Onslow.
Dunn, James H.	Bathurst, N. B.
Jamieson, Charles F.	Lockeport.
Kaulbach, Rupert C.	Lunenburg.
McEwen, Francis A., B. A.	Fort Beaul.
MacGregor, Robert M.	New Glasgow.
McKay, Harry S.	Westville.
McLellan, Leander B.	Noel.
Mabon, Harry E.	Halifax.
Murray, John C.	"
Oakes, Ingram	New Albany.
O'Connor, William F.	Halifax.
Schurman, Richard U.	Truro.
Sedgewick, William M.	Tatamagouche.
Seeby, Charles H.	Halifax.
Waddell, William H.	"

FACULTY OF MEDICINE

UNDERGRADUATES.

FOURTH YEAR.

Macdonald, William Henry	Truro.
McEwen, Henry Emanuel	St. Peter's Bay, P. E. I.
Murray, Duncan	Meadsville, Pictou.
Obling, Clara Mary	Woodburn, Pictou.
Ross, Alexander	North Earlton.

Staneswhite, Stephen Sinclair	Congersall Bank, Lun. Co.
Williamson, Samuel W.	Loganville, Pictou.

THIRD YEAR.

Bentley, Bebie Dugwell, B. A. (Acad.)	Halifax.
Bissett, Ernest Eugene	River Bourgeois, C. B.
Brown, Mattie Wyness	Newport.
Norman, Oscar Chipman	Hantsport.
Fraser, Alexander, B. A. (Dal.)	West River Station, Pictou.
Gates, Charles Randall	Digby.
Grierson, Robert, B. A. (Dal.)	Halifax.
Lloyd, Cyrus Decker	Lockeport.
Payzant, Henry Allison	Dartmouth.

SECOND YEAR.

Archibald, Matthew George	Middle Musquodoboit.
Beattie, Robert Fowler	Economy, Col.
Beech, Robert Almon	St. John's, Newfoundland.
Back'ey, Arery Filia	Halifax.
Dickey, Hugh Lorette	Upper Canada, Kings.
Forrest, William Duff	Halifax.
Gardner, George Gaw	Newburgh, Ontario.
Lange, Christian Christoph Andrew	Halifax.
McDonald, Daniel	Leitch's Creek, C. B.
McDonald, Edward Murray	Sydney Mines, C. B.
MacKenzie, Murdoch Daniel	Grand River, C. B.
Morton, Angus McDonald	Woodville, Kings.
Road, John Frederick Lemin	Halifax.
Slaw, Sidney Everett	Waterville, Kings.
Thompson, Alfred	Nine Mile River, Hants.
Toosey Thos. Elw. Frazer	England.
Trenaman, Louis Gervaise	Halifax.

FIRST YEAR.

Almon, William Bruce	Halifax.
Armstrong, Tremaine Ernst	Kingston Station.
Atkinson, Edward Payson	Baie Verte, N. B.
Cook, Alexander David	Halifax.
Carrie, William Douglas	"
Farrell, Louis Patrick	"
Goodwin, Wendell Vaskleock	Baie Verte, N. B.
Mackay, John St. Clair	Earlton.
McLenn, Murdoch Thomas	Little Bras d'Or, C. B.
McMillan, Charles Edward, B. A., (Dal.)	Whycomenagh.
Munroe, James Gilbert	River John, Pictou.
Randall, Mary Lella	Antigonish.
Reynolds, James	Upper Musquodoboit.
Reynolds, William Pearson	Upper Musquodoboit.
Rodgerson, James Alexander Cummings	Piquid, P. E. I.

GENERAL STUDENTS.

Cooks, Allen Percy Archer	Halifax.
Mathers, Robert Esatt	Halifax.

APPENDIX.

FACULTIES OF ARTS AND SCIENCE.

JUNIOR MATRICULATION

EXAMINATION PAPERS, 1895-96.

LATIN.

Examiner HOWARD MURRAY, B. A.

CÆSAR: GALLIC WAR, *Bks V. and VI.* VIRGIL: ÆNEID, *Bk. I.*

TIME: THREE HOURS.

N. B.—*Candidates for Ordinary Matriculation will take Part III and either Part I or Part II. Candidates for Distinction and Scholarships will take the whole paper, omitting the first question in Part III.*

I.

Translate:—

(a) Si adire non possit, monet, ut fragulam cum epistola ad amicum delegata intra munitiones castrorum abjiciat. In literis scribit, se cum legionibus profectum celebriter affere; hortatur, ut pristinam virtutem retineat. Gallas, periculum veritas, ut erat preceptum, fragulam mittit. Hoc casu ad turrim adhasit, neque ab nostris biduo animadversa, tertio die a quodam milite conspicitur; deinde ad Ciceronem deferitur. Ille perfectam in conventa militum recitat, maximeque omnes letitia afficit.

(b) Hoc ipso tempore, casu Germani equites interveniant protinusque eodem loco, quo veniant, castrum ab decimana porta in castra irrumpere conantur; nec prius sunt visi, objectis ab ea parte silvis, quam castris appropinquarent usque eo, ut, qui sub vallo tenderent mercatores, recipiendi sui facultatem non haberent. Incipiantes nostri re nova perturbantur, ac vix primum impetum coherce in statione sustinet. Circumfunduntur ex reliquis hostes partibus, si quem aditum reperire possent.

- Translate and explain construction of words italicised in :—
(a) *caediana excruciationis nihil illi noceri posse* (dielit).
(b) *omnia quae eiis cordi fuisse arbitraturo, in ignem inferunt.*
(c) *questus se nimis quidem caeli locus reliqui debuisse.*
- Meaning of: gratias referre; conducta manus; manus dare; scilicet sequi; bona publicare; decumana porta.
- Tertiae ferè vigilia solvitur atque hora diei circiter quarta Britanniam attingit.
Translate, putting in our equivalents for the Latin expressions of time. Give the name of the starting point and of the modern place supposed to correspond to it.
- Give the dates of Caesar's birth and death. In what year did the events recorded in Book VI take place? Give the name of his great rival, and the name and date of the battle fought between them.

Translate :—

II.

- (a) Convulsant, quibus aut odium crudelis tyranni
Aut metus acer erat; naves, quae forte paratas,
Corripunt, operantque auro; portantes avari
Pygmalionis aera pelago; dux femina facti.
Devenere locus, ubi nunc ingentis cernis
Moenia surgentesque novae Karthaginiæ aereae,
Necatisque solus, facti de nomine Byrsae.
- (b) Ergo his aligerus diotis affaturo Ausonem;
Nate, meae vires, mea magna potentia sola,
Nate, patris summi qui tela Typhoia temis,
Ad te confugio et supplic tua nomina posco.
Frater ut Aeneas pelago tum omnia circum
Litora lacteter odis Iunonis iniquae,
Nota tibi, et nostro doluisse saepe dolore.

- Parse, accounting for cases and moods, in (a) quibus, devenere, locus; in (b) lacteter, nota.
- Explain the expressions: Mavortia moenia; tela Typhoia; and write a brief note on each of the following names: Aecleus, Myrmecis, Eurotas, Pygmalionis.
- Write the following lines, supplying the words that are wanting; translate them, and give the name of the speaker :—
(a) O passi graviter, dabit Deus his quoque
(b) forsitan et haec olim iurabunt.
(c) non ignara mali miseris disco.
- Scan the first four lines of extract (b).

III.

- Decline: haec civitas, triste munus, pater Aeneas.
- Give the positive of: magis, deterior, tentior, summus, primus, melior, dilutus, peior, optime, ultimus
- Give the present infinitive of the verbs from which the following participles come:—coactus, istans, genitus, vectus, situs, sectus, scotatus, riens, latus, cognitus.
- What construction would you use to express in Latin: a the agent with a passive verb, the agent with an active verb, time when, motion to a place, motion from a place?

5. Correct, and give reason for your correction:—(a) Regem creatus est. (b) Venit nos videre. (c) Proximè ad Romanum venire. (d) Doceto tibi litteras. (e) Ego persuasus sum.

6. Translate into Latin :—

- (a) Some day you will be ashamed of your folly.
(b) Can you tell me whether he is a wise man or a fool?
(c) Caesar, having learned this, determined to set out immediately from Rome.
(d) The soldiers were afraid that the messenger who had been sent would be taken by the enemy.
(e) The general thought that it was of great importance that large forces should be mustered as quickly as possible.

IV.

Translate this passage from a book not prescribed :—

Mittit primo Rebus adolescentem cum cohortibus Caesar, post cum aliis Caium Fabium legatum; postremo ipso, cum vehementer pugnavit, integro subsidio addidit. Rosititum proelio ac repulis hostibus, eo, quo Labienum miscerat, contulit; cohortes quatuor ac proximo castello dedidit; equitum se portam sequi, partem circumire exteriores munitiones, et ab tergo hostes adoriri jubet. Labienus, postquam neque aggres, neque fossae vim hostium sustinere poterant, coacta sua quadraginta cohortibus, quas ex proximis praesidiis deductas fore obtulit, Caesarem per nuncios facit certicem, quid faciendum existimet. Accedens Caesar, ut proelio intersit.

GREEK.

Examined HOWARD MURRAY, B. A.

XENOPHON: ANABASIS, BOOKS II, III, IV.

TIME: THREE HOURS.

N. B.—Candidates for *Ovidian* Matriculation will take Part I or II or III, together with Part IV. Candidates for Distinction and Scholarships will take the whole paper, omitting questions marked with an asterisk.

I.

Translate this extract from Book II :

Παραὸς δὲ εἰ μὲν τις καὶ ἄλλος ἔσθ' ἔστι βασιλεύς, οὐ αἰδῶν τὴν ὀνὴν Εὐφροσύνην ἵναρ ἔτι ἀδύνατον ἀναβῆναι, καλῶς αὖτε παύσασθαι. Οἱ μὲν δὲ, ὡς ἀρχαῖοι δὲν, ἴσταναι οἷον ἔστιν ἐπιμαρτυρεῖν. τὴν δὲ παλαιότητα ἴσταναι οἷον οὐκ ἔστιν αὐτῶν καὶ πλείονος ἔστιν ἔστιν ἐπιμαρτυρεῖν, τὴν δὲ ἀπαστασιασμένην; ἵστανται δὲ μὲν οἷον αἰδῶν τὴν οὐδία. Ἐὰν μὲν αἰδῶν ἴστανται, ὡς παλαιὰ οἷον ἔστιν τὴν οὐδία, αἰδῶν ἐπιμαρτυρεῖται ἵσταναι ἀπαστασιασμένην, οὐκ αἰδῶν, ὡς τὴν αἰδῶν ἴστανται, καὶ ἄλλος δὲ αἰδῶν, καὶ τὴν ἴστανται ἐπιμαρτυρεῖται ἔστιν αἰδῶν καὶ ἐπιμαρτυρεῖται. Ταῦτα δὲ τὴν παλαιότητα.

1. Parse $\delta\lambda\omega\sigma$, $\lambda\epsilon\gamma\omega\varsigma$, $\alpha\upsilon\tau\omega\tau\acute{\iota}\sigma\mu\alpha\varsigma$.
2. Meaning of $\pi\alpha\rho\acute{\iota}$ $\pi\alpha\tau\epsilon\rho\acute{\iota}$ $\pi\alpha\tau\epsilon\rho\acute{\iota}\sigma\sigma\alpha$, $\epsilon\acute{\iota}\varsigma$ $\lambda\acute{\alpha}\lambda\omega\varsigma$ $\tau\omega\iota$ $\epsilon\lambda\theta\epsilon\iota\varsigma$, $\theta\epsilon\rho\epsilon\iota$ $\kappa\alpha\iota$ $\delta\eta\tau\alpha$.
3. $\kappa\alpha\iota$ $\gamma\acute{\alpha}\rho$ $\delta\acute{\epsilon}$, $\kappa\alpha\iota$ $\mu\epsilon\tau$ $\pi\acute{\alpha}\lambda\alpha\iota$ $\theta\epsilon$ $\tau\omega\iota\varsigma$ $\Lambda\alpha\upsilon\sigma\alpha\kappa\alpha\tau\acute{\iota}\omega\iota\varsigma$ $\pi\rho\acute{\iota}\varsigma$ $\tau\omega\iota\varsigma$ $\delta\alpha\delta\epsilon\upsilon\sigma\iota$, $\pi\epsilon\rho\acute{\iota}\sigma\tau\epsilon\varsigma$.

Translate. Give the name of the person of whom this statement was made, also the name of the war, and the dates of its beginning and end.

- *4. Give the names of the Greek generals that were treacherously killed. State very briefly their character, and the circumstances which led to their seizure.

II.

Translate this extract from Book III:

" $\text{Π}\omega\lambda\iota\varsigma$ δ' $\theta\epsilon$ $\phi\acute{\alpha}\varsigma$ $\delta\epsilon\iota\lambda\alpha$, $\delta\eta\mu$ $\theta\epsilon$ $\delta\epsilon\iota\lambda\omega\varsigma$ $\tau\omega\��$ $\pi\acute{\alpha}\lambda\alpha\iota\omega\varsigma$. $\epsilon\acute{\iota}$ $\tau\omega\tau\epsilon$ $\gamma\acute{\alpha}\rho$ $\mu\epsilon\iota\omega$ $\alpha\upsilon\tau\omega\tau\alpha\kappa\alpha\tau\alpha\kappa\tau\epsilon\iota\sigma\tau\epsilon\iota\sigma\tau\epsilon\iota$ $\alpha\iota$ $\delta\epsilon\lambda\phi\acute{\iota}\mu\alpha\iota$ $\tau\omega\��$ $\epsilon\lambda\lambda\eta\kappa\alpha\iota\sigma\tau\acute{\iota}$ $\lambda\acute{\epsilon}\gamma\omega\sigma\tau\alpha$ $\sigma\tau\alpha\delta\iota\omega\varsigma$, $\phi\epsilon\delta\alpha\iota\omega\sigma\tau\alpha$ $\mu\acute{\eta}$ $\tau\epsilon$ $\tau\omega\tau\epsilon\iota\varsigma$ $\alpha\iota$ $\epsilon\lambda\lambda\acute{\alpha}\delta\alpha\iota\varsigma$ $\epsilon\lambda\theta\omega\sigma\tau\alpha$ $\alpha\iota\tau\omega\iota\varsigma$. $\text{Π}\epsilon\pi\alpha\rho\acute{\iota}\sigma$ $\gamma\acute{\alpha}\rho$ $\tau\omega\tau\epsilon\rho\acute{\iota}\varsigma$ $\delta\iota\omega\iota$ $\sigma\tau\epsilon\rho\epsilon\tau\epsilon\tau\alpha\iota$ $\text{Π}\epsilon\rho\sigma\omega\delta\iota\alpha$. $\text{O}\kappa$ $\tau\epsilon$ $\gamma\acute{\alpha}\rho$ $\iota\sigma\tau\alpha\iota$ $\alpha\iota\tau\omega\��$ $\delta\epsilon\lambda\tau\epsilon\iota\alpha$, $\kappa\alpha\iota$ $\theta\epsilon$ $\epsilon\iota\tilde{\nu}$ $\tau\omega$ $\tau\omega\kappa\acute{\iota}$ $\pi\epsilon\rho\alpha\lambda\omega\sigma\tau\alpha\iota$ $\delta\epsilon\iota\lambda$, $\tau\omega\��$ $\mu\acute{\eta}$ $\gamma\acute{\alpha}\rho$ $\epsilon\lambda\theta\omega\iota\varsigma$ $\iota\sigma\tau\alpha\iota$, $\alpha\iota$ $\delta\epsilon\lambda\phi\acute{\iota}\sigma\tau\alpha\iota$ $\iota\sigma\tau\epsilon$ $\tau\epsilon$ $\tau\omega$ $\theta\epsilon\rho\alpha\theta\epsilon\iota$ $\gamma\acute{\iota}\gamma\mu\epsilon\tau\alpha$, $\delta\epsilon\iota$ $\epsilon\pi\alpha\lambda\epsilon\iota\omega\iota$ $\tau\omega$ $\iota\sigma\tau\alpha\iota$ $\text{Π}\epsilon\rho\omega\gamma$ $\delta\epsilon\delta\omega\tau$, $\kappa\alpha\iota$ $\chi\epsilon\lambda\omega\iota\sigma\tau\alpha\iota$ $\delta\epsilon\iota$, $\kappa\alpha\iota$ $\theta\epsilon\rho\alpha\sigma\theta\epsilon\tau\epsilon\iota\alpha$ $\delta\iota\omega\sigma\tau\alpha\iota$ $\epsilon\pi\iota$ $\tau\omega$ $\iota\sigma\tau\alpha\iota$. $\tau\omega\tau\epsilon\rho$ $\delta\epsilon$ $\mu\epsilon\iota\omega\varsigma$ $\chi\alpha\lambda\epsilon\tau\acute{\alpha}$ $\kappa\iota\sigma\tau\alpha\iota$ $\kappa\alpha\iota$ $\theta\epsilon\rho\alpha\theta\epsilon\iota\varsigma$ $\delta\iota\omega\sigma\tau\alpha\iota$. $\tau\omega\tau\epsilon\rho$ $\iota\sigma\tau\alpha\iota$ $\tau\epsilon\rho\omega\varsigma$ $\alpha\upsilon\tau\omega\tau\epsilon\iota\omega\varsigma$ $\tau\omega\��$ $\epsilon\lambda\lambda\acute{\alpha}\delta\omega\sigma\alpha$.

1. Parse $\sigma\tau\alpha\delta\iota\omega\varsigma$, $\nu\epsilon\alpha\tau\acute{\iota}\varsigma$, $\epsilon\pi\alpha\lambda\epsilon\iota\omega\iota\varsigma$.
 2. Meaning of $\epsilon\acute{\iota}$ $\mu\epsilon\iota\omega$ $\sigma\tau\alpha\delta\iota\omega\varsigma$, $\delta\epsilon\iota$ $\tau\omega\tau\epsilon\rho\acute{\iota}\varsigma$ $\tau\omega\��$ $\iota\sigma\tau\alpha\iota$, $\epsilon\acute{\iota}$ $\tau\omega\��$ $\epsilon\iota\omega\iota$.
 3. $\delta\epsilon\delta\omega\tau\alpha$, $\mu\acute{\eta}$, $\delta\epsilon$ $\delta\iota\omega\sigma\tau\alpha\iota$ $\mu\acute{\eta}\omega\sigma\tau\alpha\iota$ $\delta\eta\mu\omega$ $\zeta\eta\omega$, $\mu\acute{\eta}$, $\delta\epsilon\lambda\tau\epsilon\rho$ $\alpha\iota$ $\lambda\omega\sigma\tau\acute{\alpha}\rho\chi\omega\iota\varsigma$, $\epsilon\pi\alpha\lambda\epsilon\iota\omega\sigma\tau\alpha$ $\tau\eta\varsigma$ $\sigma\iota\alpha\sigma\tau\epsilon$ $\delta\epsilon\delta\omega$.
- Translate. Explain the allusion. Account for mood and tense of $\epsilon\pi\alpha\lambda\epsilon\iota\omega\sigma\tau\alpha$.

- *4. How did Xenophon come to join the expedition? In what capacity was he accompanying Cyrus? Narrate briefly the circumstances attending his assuming the leadership of the Greeks.

III.

Translate This Extract from Book IV:

" $\text{A}\iota$ δ' $\sigma\iota\omega\iota\varsigma$ $\theta\eta\omega\varsigma$ $\kappa\alpha\tau\epsilon\lambda\theta\omega\iota\varsigma$, $\tau\omega$ $\mu\epsilon\tau$ $\sigma\tau\epsilon\rho\omega$ $\delta\iota\omega\tau\epsilon\rho$ $\theta\eta\omega\tau\omega\varsigma$, $\alpha\iota\tau\omega$ δ' $\epsilon\pi\epsilon\tau\omega\iota$ $\alpha\iota$ δ' $\epsilon\pi\alpha\lambda\omega\tau\omega$ $\tau\omega\��$ $\mu\epsilon\tau$ $\epsilon\pi\alpha\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$ $\epsilon\pi\alpha\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$, $\alpha\iota$ $\delta\epsilon$ $\theta\eta\omega\tau\omega\varsigma$ $\epsilon\pi\iota$ $\delta\iota\lambda\omega\sigma\tau\omega\varsigma$ $\kappa\alpha\tau\epsilon\lambda\theta\omega\iota\varsigma$. $\text{E}\tau$ $\delta\epsilon$ $\tau\omega\��$ $\sigma\iota\omega\iota\varsigma$ $\theta\eta\omega\varsigma$ $\alpha\lambda\gamma\epsilon\iota$, $\alpha\lambda\gamma$, $\beta\iota\omega\varsigma$, $\theta\eta\omega\theta\epsilon\iota$, $\kappa\alpha\iota$ $\tau\omega$ $\delta\epsilon\iota\omega\sigma\alpha$ $\tau\omega\tau\epsilon\rho\acute{\iota}\varsigma$ $\tau\omega$ $\delta\epsilon$ $\epsilon\tau\epsilon\rho\omega$ $\mu\epsilon\tau\omega\varsigma$ $\chi\epsilon\lambda\omega$ $\epsilon\lambda\theta\omega$ $\epsilon\pi\alpha\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$. $\text{Π}\omega\sigma$ $\delta\epsilon$ $\kappa\alpha\iota$ $\tau\omega\rho\acute{\alpha}$, $\kappa\alpha\iota$ $\theta\eta\omega\theta\iota$, $\kappa\alpha\iota$ $\delta\epsilon\tau\epsilon\rho\omega$, $\kappa\alpha\iota$ $\alpha\iota\omega\varsigma$ $\kappa\alpha\tau\epsilon\lambda\theta\omega\iota\varsigma$ $\epsilon\acute{\iota}\nu$ $\kappa\alpha\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$ $\epsilon\tau\epsilon\rho\omega$ $\delta\epsilon$ $\kappa\alpha\iota$ $\alpha\iota\omega\tau\omega\��$ $\alpha\iota$ $\epsilon\rho\theta\omega\iota$ $\iota\sigma\tau\alpha\kappa\alpha\tau\epsilon\iota\sigma\tau\omega\��$ $\kappa\alpha\iota$ $\alpha\lambda\lambda\omega\tau\omega\��$ $\epsilon\lambda\theta\omega\iota\sigma\tau\epsilon\tau\omega\��$, $\alpha\iota$ $\mu\epsilon\tau$ $\mu\epsilon\iota\omega\sigma\tau\omega\��$, $\alpha\iota$ $\delta\epsilon$ $\delta\epsilon\lambda\tau\epsilon\rho\omega\varsigma$, $\gamma\acute{\alpha}\rho\omega\tau\alpha$ $\omega\iota\omega$ $\epsilon\lambda\theta\omega\iota\sigma\tau\epsilon$. $\tau\omega\tau\epsilon\rho\omega\varsigma$ δ' $\text{I}\delta\epsilon\alpha$, $\alpha\iota\omega\tau\epsilon\tau$ $\tau\eta\varsigma$ $\delta\epsilon\lambda\phi\acute{\iota}\sigma\tau\omega\��$ $\lambda\alpha\theta\eta\tau\omega\��$ $\epsilon\acute{\iota}\varsigma$ $\tau\omega$ $\sigma\tau\epsilon\rho\omega$ $\mu\acute{\epsilon}\tau\omega\varsigma$ $\kappa\alpha\iota$ $\mu\epsilon\tau$ $\delta\epsilon\tau\epsilon\rho\omega\varsigma$ $\gamma\eta$, $\alpha\iota$ $\mu\acute{\eta}$ $\tau\epsilon$ $\epsilon\lambda\theta\omega$ $\epsilon\pi\alpha\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$ $\kappa\alpha\iota$ $\mu\epsilon\tau$ $\text{I}\delta\epsilon\alpha$ $\tau\omega$ $\tau\epsilon\rho\omega$ $\sigma\tau\alpha\theta\epsilon\tau\epsilon\iota\varsigma$ $\theta\epsilon$.

1. Parse $\theta\eta\omega\tau\omega\varsigma$, $\epsilon\tau\epsilon\rho\omega$, $\delta\epsilon\lambda\phi\acute{\iota}\sigma\tau\omega\��$.
 2. Meaning of $\tau\eta\varsigma$ $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$ $\phi\epsilon\delta\alpha\iota\omega\sigma\tau\omega\��$, $\theta\eta\omega\theta\iota$ $\tau\omega$ $\epsilon\lambda\theta\omega$, $\delta\eta\tau\epsilon\rho$ $\tau\omega\��$ $\lambda\acute{\alpha}\lambda\omega\tau\epsilon$ $\lambda\theta\omega\iota\sigma\tau\epsilon$.
 3. $\mu\epsilon\tau\alpha\rho\gamma\gamma\epsilon\iota\tau\omega\��$ $\tau\omega\��$ $\lambda\epsilon\gamma\omega\tau\omega\��$ $\kappa\alpha\tau'$ $\epsilon\mu\alpha\theta\eta\tau\omega\��$ $\mu\alpha\theta\epsilon\sigma\tau\omega\��$ $\iota\sigma\tau\alpha\iota$ $\tau\omega\��$ $\iota\sigma\tau\omega\��$ $\lambda\acute{\alpha}\lambda\omega\tau\epsilon$, $\tau\omega\��$ $\alpha\iota\omega\tau\epsilon\tau\omega\��$ $\mu\alpha\theta\eta\mu\alpha\tau\acute{\iota}\omega\tau\omega\��$ $\tau\eta\varsigma$ $\epsilon\mu\alpha\theta\eta\tau\omega\��$ $\epsilon\pi\iota$ $\phi\acute{\alpha}\lambda\lambda\alpha\gamma\omega\varsigma$.
- Translate and write explanatory notes on the words underlined. Parse $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$ and $\mu\alpha\theta\eta\mu\alpha\tau\acute{\iota}\omega\tau\omega\��$.

- *4. Indicate by a sketch-map or accurately in words (the former being preferred), the course of the Greeks as detailed in Book IV.

IV.

1. Dat. and acc. sing. and pl. of:— $\delta\eta\mu\omega\varsigma$, $\gamma\acute{\iota}\omega\sigma$, $\theta\epsilon\rho\alpha\theta\epsilon\rho$, $\epsilon\acute{\iota}$, $\tau\omega\��$, $\theta\eta\omega\theta\epsilon$.
2. Compare:— $\tau\alpha\rho\epsilon\iota\varsigma$, $\alpha\mu\acute{\alpha}\varsigma$, $\epsilon\acute{\iota}$, $\theta\epsilon\rho\alpha\theta\epsilon\r$, $\epsilon\acute{\iota}\delta\epsilon\varsigma$, $\mu\acute{\epsilon}\lambda\alpha$, $\mu\acute{\epsilon}\lambda\omega\varsigma$, $\epsilon\lambda\phi\acute{\iota}\omega\varsigma$.
3. (a.) 2nd aor. inf. act. of $\delta\eta\mu$, $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$, $\iota\sigma\tau\alpha\omega$, $\lambda\acute{\alpha}\lambda\omega\iota\sigma\tau\omega\��$, $\theta\eta\omega\iota\sigma\tau\omega\��$.
(b.) 3rd pl. impf. act. of $\alpha\iota\tau\omega\iota\varsigma$, $\delta\epsilon\lambda\phi\acute{\iota}\omega\��$, $\delta\epsilon\delta\omega\tau\omega\��$, $\epsilon\lambda\gamma\omega$, $\theta\eta\omega\iota\sigma\tau\omega\��$.
(c.) 1st sing. aor. opt. pass. of $\delta\eta\mu\omega\varsigma$, $\lambda\epsilon\gamma\omega$, $\tau\omega\��$, $\mu\epsilon\tau\omega\��$, $\sigma\iota\omega\iota\sigma\tau\omega\��$, $\tau\theta\eta\omega\iota\sigma\tau\omega\��$.
4. (a.) Classify, with examples, the uses of $\alpha\iota\tau\omega\iota\varsigma$.
(b.) Translate: $\epsilon\pi\iota$ $\tau\omega\sigma\tau\epsilon\rho\omega$, $\tau\omega$ $\epsilon\pi\iota$ $\theta\eta\omega\tau\omega\��$, $\alpha\iota$ $\epsilon\pi\iota$ $\tau\omega$ $\mu\alpha\theta\eta\mu\alpha\tau\acute{\iota}\omega\tau\omega\��$, $\epsilon\pi\iota$ $\text{Π}\epsilon\rho\omega\gamma\acute{\iota}\omega\tau\omega\��$ $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$, $\epsilon\pi\iota$ $\tau\omega\tau\epsilon\rho\omega$, $\epsilon\pi\iota$ $\beta\alpha\sigma\iota\lambda\epsilon\iota$ $\epsilon\iota\omega\iota\sigma\tau\omega\��$.
5. Turn into Greek: (a.) He said that those things were true. (b.) One does one thing, another another, (c.) Some admire the mother, others the daughter. (d.) The ship was taken, men and all. (e.) The Greeks besieged the city by land and sea. (f.) By means of the soldiers he conquered the enemy.

V.

Translate this extract from a book not prescribed:—

" $\text{Μ}\epsilon\tau\iota$ $\delta\epsilon$ $\tau\omega\tau\epsilon\ralpha$ $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$ $\epsilon\acute{\iota}\nu\epsilon$ $\text{Σ}\rho\alpha\kappa\omega\iota\alpha$. $\text{E}\tau$ $\delta\epsilon$ $\delta\eta\mu\omega\��$ $\sigma\tau\alpha\theta\epsilon\tau\omega\��$, $\tau\eta\varsigma$ $\mu\epsilon\tau$ $\mu\alpha\theta\eta\tau\omega\��$, $\theta\epsilon$ $\iota\sigma\tau\alpha\iota$, $\theta\eta\omega\iota\sigma\tau\omega\��$ $\tau\eta\varsigma$ $\tau\omega\��$ $\tau\omega\tau\epsilon\rho\acute{\iota}\varsigma$, $\alpha\iota$ $\gamma\acute{\alpha}\rho$ $\iota\sigma\tau\alpha\iota$ $\mu\epsilon\iota\omega\varsigma$ $\alpha\upsilon\tau\omega\��$ $\delta\epsilon$ $\mu\alpha\theta\eta\sigma\tau\omega\��$ $\theta\eta\omega$, $\alpha\iota$ $\gamma\acute{\alpha}\rho$ $\iota\sigma\tau\alpha\iota$ $\mu\epsilon\iota\omega\iota\sigma\tau\omega\��$ $\tau\omega$ $\epsilon\pi\alpha\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$. $\text{H}\omega\iota\varsigma$ $\mu\epsilon\tau$ $\alpha\iota\omega\��$, $\epsilon\theta\eta$, $\text{E}\tau\theta\eta\mu\epsilon\theta\omega\��$ $\epsilon\tau\epsilon\rho\acute{\iota}\varsigma$ $\delta\epsilon$ $\delta\epsilon\iota$ $\mu\alpha\theta\eta\sigma\tau\omega\��$ $\theta\eta\omega\��$ $\delta\epsilon$ $\mu\alpha\theta\eta\sigma\tau\omega\��$, $\alpha\iota$ $\tau\omega\tau\epsilon$ $\alpha\iota$ $\delta\epsilon\lambda\tau\epsilon\tau\omega\��$ $\alpha\iota$ $\gamma\acute{\alpha}\rho$ $\tau\omega\tau\epsilon\rho\omega\��$ $\alpha\upsilon\tau\omega\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$. $\text{E}\tau$ $\tau\omega\tau\epsilon\ralpha$ $\delta\epsilon\iota\omega\tau\omega\��$ $\alpha\iota$ $\sigma\tau\alpha\theta\eta\tau\omega\��$, $\mu\epsilon\tau\epsilon\tau\omega\��$ $\delta\epsilon$ $\mu\epsilon\tau\omega\��$ $\text{A}\rho\theta\epsilon\iota\omega\��$ $\text{A}\rho\theta\epsilon\iota$ $\delta\epsilon$ $\delta\epsilon$ $\Sigma\iota\sigma\tau\epsilon\iota\delta\acute{\iota}\omega\��$ $\delta\epsilon$ $\text{A}\lambda\beta\eta\kappa\alpha\tau\acute{\iota}\omega\��$ $\phi\eta\lambda$ $\alpha\upsilon\tau\omega\tau\epsilon\rho\acute{\iota}\sigma\tau\omega\��$, $\mu\epsilon\tau\omega\��$ $\mu\alpha\theta\eta\sigma\tau\omega\��$, $\text{I}\delta\epsilon$ $\text{Π}\rho\alpha\sigma\iota\omega\��$. $\text{O}\upsilon\sigma\iota\omega\tau\omega\��$ $\delta\epsilon$ $\epsilon\pi\iota$ $\tau\eta$ $\theta\eta\omega\theta\epsilon$ $\alpha\iota\omega$ $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$ $\tau\omega$ $\iota\sigma\tau\omega$. $\tau\omega\tau\epsilon\ralpha$ $\mu\epsilon\tau$ $\alpha\iota\omega\��$ $\tau\eta\varsigma$ $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$ $\epsilon\lambda\theta\omega\iota\sigma\tau\omega\��$.

FRENCH.

Examiner..... PROFESSOR LEICHT

Time: THREE HOURS.

I.

N. B.—For ordinary Matriculation take parts I. and II.; For School-ship take parts II. and III.

A. Translate: Charles XII.—Le jeune prince passait son temps à faire la revue des troupes, il faisait même quelquefois l'exercice avec elles: ces amusements ne semblaient que l'effet naturel de la vivacité de son âge; il ne paraissait dans sa conduite aucun dégoût qui pût alarmer la régence, et cette princesse se flattait que les dissipations de ces exercices le rendraient incapable d'application, et qu'elle en gouvernerait plus longtemps. Un jour, au mois de novembre, la même année de la mort de son père, il venait de faire la revue de plusieurs régiments; le conseiller d'Etat Piper était auprès de lui; le roi paraissait abîmé dans une rêverie profonde. "Puis-je prendre la liberté, lui dit Piper, de demander à votre majesté à quel elle songe si sérieusement? Je s'age répondit le prince, que je me sens épris de commander à ses braves gens; et je voudrais que si eux et moi ne passions l'ordre d'une femme."

1. *Le jeune prince passait son temps à la chasse.* Write this sentence: in the plural, and give principal parts of *passer*.

2. *Sex temps* Mention the possessive adjectives singular and plural, and their corresponding pronoun forms. Interpret: Quel temps fait-il? Il fait beau temps. How is the word *time* expressed in sentences like: What time is it? It is half past three o'clock. Three times three are nine.

3. Account for the omission of *pas* in the sentence; Il ne paraissait... aucun dégoût. Mention the leading negative *adverbs*, and translate: I have only one friend. No new houses.

4. *Qui j'ai chosen.* Ne *passions l'ordre*. Parse *qui* and *ne* and *passions*. What are your reasons regarding the mood they are in? Illustrate the difference between *qui* and *que*: (1) as relative pronouns and (2) as interrogative pronouns.

5. *Votre majesté.* How do possessive adjectives agree? take for example: Her majesty the Queen of England. His majesty the Emperor of Germany. His father and his mother.

6. *Ni eux ni moi.* Mention the conjunctive forms of *car* and *moi*. Cite other cases in which the *disjunct* or *pronoun* is used. Give the equivalents of: Good books. A few hours. Few persons. Some money. Ink, paper and pens.

II.

B. Translate:—Il est certain que ce fut le roi lui-même qui proposa alors au général Renschild de faire une descente, et d'assiéger Copenhague par terre, tandis qu'elle serait bloquée par mer. Renschild fut étonné d'une proposition qui marquait autant d'habileté que de courage dans un jeune prince sans expérience. Bientôt tout fut prêt pour la descente; les ordres furent donnés pour faire embarquer cinq mille hommes qui étaient sur les côtes de Suède, et qui furent jetés aux troupes qu'on se fit à bord. Le roi quitta son grand vaisseau, et monta une frégate plus légère; on commença par lui à partir trois cents grenadiers dans de petites

chaloupes, de petits bateaux plats portaient des fascines, des chevaux de frise, et les instruments des pionniers. Cinq cents hommes d'élite servaient dans d'autres chaloupes.

1. *Les ordres furent donnés.* Write this sentence in the negative interrogative form; parse *furent*, and write down the present indicative, the future, and the present subjunctive of this verb.

2. Can you account for the use of the prepositions *de* in the sentence; autant d'habileté que de courage. Exceptions to the foregoing occur in expressions such as: Most men. Many (bien) things; translate these clauses. Point out a sentence in the extract in which the preposition *de* is a partitive article.

3. Parse and give principal parts of the verbs; *propos*, *assist* *suivent*. Turn into French: After having spoken, and give reasons for difference in construction.

4. *Une frégate plus légère.* Parse *plus* and show by examples how the French effect comparison of inferiority and superiority. Write the masculine of *léger*, *doux*, *cru*; which adjectives are alike in both genders?

5. How does the addition of an *s* affect the meaning of *suffit* in *cinq mille hommes*? Express in French: 2000 miles 100000 l. s. 80. 300 1895.

6. Translate: How do you do? I have a headache. How old are you? I am nineteen years old. Write down the names of the days of the week.

III.

C. Translate: Scribe 'Le verre d'eau.'—I. Act

Bélaigbrade.—Il ne faut pas mépriser les petites choses, c'est par elles qu'on arrive aux grandes!... Vous croyez peut-être, comme tout le monde, que les catastrophes politiques, les révolutions, les chutes d'empire, viennent de causes graves, profondes, importantes... Erreur! Les États sont subjugués ou conduits par des héros, par des grands hommes; mais ces grands hommes sont menés eux-mêmes par leurs passions, leurs caprices, leurs vanités; c'est-à-dire par ce qu'il y a de plus petit et de plus misérable au monde.—Act II. (*Léopold, seule, et regardant sortir la reine.*) Ah! que je la plains!... M. de Saint-Jean avait raison... il lui connaît bien... ce n'est pas cela-là qui est reine, c'est l'autre... et je me laisserais profiter, c'est-à-dire tyranniser par elle!... Fiable mourir!... Je refuse!... Et cependant maintenant plus que jamais nous aurons besoin d'amis et de protecteurs, car depuis hier, depuis le départ d'Arthur je n'ai pas vu M. de Saint-Jean... Je ne sais ce qu'il devient... de sorte que j'ai peur toute seule.

1. *Il se fait par infirmité.* Parse and give principal parts of *faire*. How do you translate *faire* in the sentence; Il me fait de l'argent. Conjunctive pronouns usually go before the verb; in what case are they placed after it; give an example.

2. What parts of speech does *que* represent in *qu'on arrive aux grandes*; ah! *que je la plains*; plus *que jamais*. Show by short examples that the same word may be used as a relative pronoun and as an *adverb*. What form does it assume in the clause: What are you speaking of?

3. *Ce qu'il y a de plus petit.* Distinguish between: *ce qui* and *ce que*, and illustrate; *par ce y*, and write down the subjunctive present of the verb to which it belongs. How do you interpret: *il y a* in the sentence; *Combien y a-t-il d'ici à Windsor*? *Qu'y a-t-il?* It est parti pour l'Angleterre *il y a trois semaines*.

4. *Plus m'est en lui.* Write down the positive of *plus*, and the comparative and superlative of *bon*, *bien* and *moins*. Which is the equivalent for *than* in comparison; the same word is used in all cases but one; explain and translate: Halifax has more than thirty thousand inhabitants. The earth is larger than the moon.

5. Translate: The fire in Liverpool broke out (éclos) on Sunday morning. The news of it was telephoned (communiqué) per telephone to Halifax, a distance of more than a hundred miles. It is raining to-day. What day of the month is it? It is the fourteenth of September.

GERMAN.

Examiner..... PROFESSOR LIECHT.

TIME: THREE HOURS.

I.

A. Translate:—*Gastfreundschaft*.

Ich wurde auf das Freundlichste begrüßt, in das Haus geführt, mit Speis' und Trank reichlich bewirthet und endlich in ein Bett gebracht, hoch wie ein Berg und gerännt genuss, am noch drei Andere, wir' so richtig gewesen, aufzusehen. Da war es mir fürwar, als wär' ich in die Zeit entrückt, wo die Hanswüter an der Strasse sassen, und wenn ein Wanderer vorüberzog, oft weitgehend mit einander hin unter ihr Dach stulendes und an ihrem Herde bewirtheten, ohne auch nur zu fragen, wo er herkäme, wo er für Geschäfte treibe und wie lange er zu weilen gedanke. Ich blieb eine ganze Woche hier, durch den Tag die Gegend umher, und ward jeden Abend bei der Rückkehr mit gleicher Herzlichkeit aufgenommen.

1. Parse the following verbs, giving the principal parts of the verbs: *surde*, *reichlich*, *in*, *gebracht*, *da*, *essen*. How do you form the past participle of regular and of irregular verbs; give illustrations.

2. Write down the comparative and the superlative of *hoch*, *gut*, *viel*, *schön*. Translate: Bornark is the greatest German statesman. London is the most populous (*bevölkert*) city in Europe.

3. When ein *Wanderer vorüberzog* Account for the construction of the verb *vorüberzog* and change this dependent clause into a principal one with the verb in the present indicative. Illustrate by short examples the difference between *essen* as I *essen*, and *turn* into German: He left his native country when he was fifteen years old. Comment on the position of the verb *was* in the German translation of this sentence.

4. Decline in the four cases, singular and plural; eine *gute* *Woche*. Also give the declension of *ich*. How do the Germans express the time of day; give illustrations.

5. Distinguish between: *das Haus ist gebaut* and *das Haus wird gebaut*, giving full explanations. Write down the present indicative of the verbs in italics. Give equivalents of: The letter is being written now. It is to be written to-morrow. It has been written.

II.

B. Die *Neujahrsvorabend* eines *Unglücklichen*.

Mitten in dem Kampf Boss plötzlich die Musik für das *Neujahr* vom Thurme herabdröhrt wie ferne Kirchenglocken. Er wurde sanfter bewegt—er schaute um des Horizonts herum und über die

weite Erde, und er dachte an seine Jugendfreunde, die nun, glücklicher und besser als er, Lehrer der Erde, Vater glücklicher Kinder und begnadete Menschen waren, und er sagte: O, ich könnte auch wie ihr diese erste Nacht mit trockenen Augen verschlummern, wenn ich gewollt hätte. Ach, ich könnte glücklich sein, ihr theuren Eltern, wenn ich eure Neujahrswünsche und Lehren erfüllt hätte. Und die Jugend kam wieder; denn er hatte nur in der Neujahrsvorabend so furchtbar geträumt; er war noch ein Jüngling; so seine Verirrungen waren kein Traum gewesen.

1. Von *Thoren* *herabdröhrt*. Can you account for the construction and position of the word *herabdröhrt*. What do the particles *her* and *ab*, prefixed to verbs, express? On hearing a knock at the door of his room a German will call out: *herin*; why should he not say: *hinein*? explain.

2. Illustrate the difference between: *nicht*, *sein* and *bein*.

3. Write in the singular: *Lehrer der Erde*. *Väter glücklicher Kinder*. *Gewagte Menschen*. *Trockenen Augen*. *Ihr theuren Eltern*.

4. Show by short examples that the word *das* may be used (1) as an article; (2) as demonstrative pronoun; (3) as a relative pronoun. What transformation does *das* undergo if another *s* is added to it? Write an illustrative sentence with the word thus changed.

5. The English verb to *know* assumes three different forms in German; translate for examples: I know that his friend is coming; but I don't know him. Do you know German? Translate the sentence: Er is ein *weiser* Mann, aber kein *weiser* Mann.

6. Translate into German: Have you ever been in Germany? No, but I intend (*gedenke*) to go there next summer. Can you speak German? Not very well. What is your friend's name? He is called *Bieder*man. What day of the month is it? It is the 14th of September.

MATHEMATICS.

Examiner..... C MACDONALD, M. A.

GEOMETRY.

TIME: THREE HOURS.

1. Straight lines that join towards the same parts the extremities of equal and parallel lines, are equal and parallel.

2. If the extremities of two intersecting lines being joined, the four small triangles thus formed are equal in area, the figure is a parallelogram.

3. The perpendicular from the vertex C of a triangle cuts the base *BD* internally in *F*. Prove " $BC^2 = BF \cdot CD$ " &c. Complete the construction, before proceeding to proof.

4. In the triangle of the last problem, let *C* be moved downwards till it falls into the base in any point *G*. What proposition results from what you proved in (3)? Give details.

5. One circle cannot touch another internally in more points than one. Prove.

6. A quadrilateral is inscribed in a circle, its diagonals are drawn, and two opposite sides are produced to meet. Enumerate the pairs of equiangular triangles.

7. On a given straight line construct a triangle equal to a given one and having a given angle at its base.

8. Two circles intersect in P and Q, and through P any line is drawn meeting the circles in R and S. Prove that the tangents at R and S, for all positions of RS, intersect at an invariable angle.

9. AB and AC are lines divided in P and Q so that $AR \cdot AP = AC \cdot AQ$. Show that the points B, P, Q, C lie in a circle.

ARITHMETIC AND ALGEBRA.

TIME: THREE HOURS.

- Find the value of 575 of £3 17s. 6d.
- The exact value of an English sovereign being \$4.90 in Canadian currency, the English money-changer gives you only $3/10\frac{1}{2}$ for a Canadian dollar: find his percentage of profit.
- Find the following Quotients, as far as three digits if possible, viz.: (1) $\frac{1.6093}{45}$, (2) $\frac{8642.5}{0.784}$, (3) $\frac{.00000077}{385}$.
- Three bicyclists start together to traverse a circular course of half a mile, their times round the course being 2' 10", 1' 40", respectively. After what time will they all, travelling uniformly thus, be together again?
- When 100 of stock, yielding 5 per cent. yearly, was selling at 92½, a person was going to invest \$33,300 in it. But he waited, expecting the price to fall, instead of which it rose to 96. He then screwfully invested. Supposing the investment good, find what amount of annual income he lost by his delay.

6. Show that $(x^3 - x^2 + x) \times (x^2 + x^3 + x^4) = x^5 + x^7 + 1$.

7. Sum $2\sqrt{8} - 4\sqrt{3} + 6\sqrt{12} + 2\sqrt{242} - 5\sqrt{128}$.

8. Simplify $\left(\sqrt{\frac{a^2}{b^2} - \frac{c^2}{a^2}} + \sqrt{\frac{a^2}{b^2} - \frac{c^2}{a^2}} \right)^2$.

9. Multiply $(a+b+c)(b+c-a)(c+a-b)(a+b-c)$, and divide the product by $\frac{a^2}{b^2} + \frac{b^2}{a^2} + \frac{c^2}{a^2} + \frac{a^2}{c^2} - a^4 - b^4 - c^4$.

10. Reduce to the 'lowest terms the fraction, $\frac{x^2 + x^2 - 14x + 6}{x^2 + 2x^2 - 5x + 6}$ and then subtract from it $\frac{x+1}{x^2-1}$.

11. An integral number consists of 4 digits, the first and last being the same. Show that the difference between this number and that which is formed by inverting the order of the digits is divisible by 90.

12. Solve the equation, $\frac{1}{x-2} - \frac{1}{x-3} + \frac{1}{x+1} = 0$.

ENGLISH.

Examiner..... ARCHIBALD MACMURDAN, PH. D.

TIME: THREE HOURS.

- Write a short essay of not less than three paragraphs on one (but not more than one) of the following themes:—
 - The Trial of Warren Hastings.
 - The Boyhood and Age of Warren Hastings.
 - Coriolanus and the Vol.
 - Coriolanus in the House of Aulidius.
 - Grand Pre Before the British Came.
 - Evangeline's Wanderings.
 - The Sending of the Fiery Cross.
- (A) How Fitz-James Fought with Black Roderick at Collantogge Ford.

2. Put into simple prose the substance of the following lines:—

"To my true king, I offered free from stain,
 Courage and faith; I vainly faith, and courage vain
 For him I threw battle, honours, wealth away
 And one dear hope that was more prized than they.
 For him I bemoaned in a foreign clime
 Grey-haired with sorrow in my manhood's prime;
 Heard in Laverna, Scargill's whispering trees,
 And pined by Arno for my lover's Teos;
 Bebold, each night my home in fevered sleep,
 Each morning started from the dream to weep;
 Till God, who saw me tried too sorely, gave
 The resting-place I asked, an early grave."

MACCULLY, *Epitaph on a Jacobite.*

3. Analyze fully. Parse the words in italics.

HISTORY AND GEOGRAPHY.

Examiner..... PRESIDENT FORREST.

TIME: THREE HOURS.

ENGLISH HISTORY.

- Give brief description of Ancient Britains and their religion.
- Describe settlement of Saxons in Britain.
- Condition of English Parliament and people in reign of Edward VI.
- Give brief outline of struggle of Stuarts with Parliament. What were the chief points in dispute.
- What constitutional changes resulted from Revolution of 1688?
- Give a short account of Crimean War.

CANADIAN HISTORY.

1. Give brief account of attempt of Marquis de la Roche to found a colony.
2. What was the chief cause of dispute between Bishop Laval and Count de Frontenac?
3. Give chief provisions of Constitutional Act of 1791.
4. Principal treaties between Britain and United States regarding Canada. Give leading points.
5. When was the first scheme of union of the Provinces suggested? Trace history of the Union.
6. Write outline history of Louisiana.

GEOGRAPHY.

1. Name cities of Europe and America with population over 500,000.
2. Give Capitals of Australian Colonies.
3. What is the size of England as compared with Nova Scotia, Scotland, Ireland, Spain, Italy, Egypt.
4. Through what countries, states, and islands, across what mountains, large rivers and lakes, would parallel 40, N Lat. pass.
5. Give as nearly as possible the Latitude and Longitude of Halifax, New York, Philadelphia, Chicago, Quebec, Paris, Constantinople, Alexandria, Calcutta, Dunedin, Peking.
6. Bound County of Hants, Albert, N. B., India, Austria, State of Ohio, Holland.

TIME TABLE — FACULTY OF LAW.

Hours.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.
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.
1 to 2	Real Property	Conveyancing	Procedure	Evidence	Torts
2 to 3	.....	.....	.....	.....	.....
3 to 4	.....	.....	.....	.....	.....
4 to 5	.....	.....	.....	.....	.....
5 to 6	.....	.....	.....	.....	.....
6 to 7	.....	.....	.....	.....	.....
7 to 8	.....	.....	.....	.....	.....
8 to 9	.....	.....	.....	.....	.....