

CALENDAR

DALHOUSIE COLLEGE

AND

UNIVERSITY,

HALIFAX, NOVA SCOTIA.

SESSION 1875-6.

HALIFAX :

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1875.

CALLENDAR
UNIVERSITY COLLEGE
UNIVERSITY OF TORONTO

SESSION 1874-5.
GENERAL INFORMATION

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University Calendar,

1875-76.

| | | SESSION. |
|--------|------|---|
| 1875. | | |
| Oct. | | |
| 27. | W. | Meeting of Board of Governors. Wilson, Deacon, Impeh. Matriculation Examination in Classics and Mathematics at 10 o'clock. A. M. Examination for Scholarships. |
| 29. | W. | Matriculation Examinations (English continued); Supplemen- tary Examinations, at 10 o'clock, A. M. |
| 30. | F. | Meeting of Senate at 10 o'clock. A. M. Matriculation, Registration and Library Tickets issued at 11 A. M. |
| Nov. | | |
| 1. | M. | Anti Classes opened; Glass, Urnates issued. Entrance Examina- tions in Ancient History and Geography for Second and Third Years. |
| 2. | M. | Anniversary of opening of the College in 1861. |
| 3. | W. | Final Matriculation and Supplementary Examinations at P. M. |
| 11. | W. | Meeting of Senate at 1 o'clock, P. M. |
| 12. | W. | Meeting of Senate at 1 o'clock, P. M. |
| 13. | W. | Christmas Vacation begins. |
| 1876. | | |
| Jan. | | |
| 4. | F. | Class Lectures resumed. Meeting of Senate at 1 P. M. Supplementary Examinations in Ancient History and Geography at 3 P. M. |
| 5. | F. | Obituary of Mr. George Wilson in 1862. |
| 14. | F. | Meeting of Board of Governors. |
| 21. | F. | Meeting of Matriculants at 10 o'clock, P. M. |
| Feb. | | |
| 1. | F. | Anti Wednesday. No Lecture. |
| 2. | F. | Meeting of Senate at 1 o'clock, P. M. |
| 18. | F. | Meeting of Senate at 1 o'clock, P. M. Last day for returning Books for "Young" Prize. |
| 22. | F. | George Hussey, Esq. of Dulverton, Founder of the College, died in 1858. |
| April. | | |
| 21. | F. | Last-day for returning H. S. Books. |
| 22. | F. | Meeting of Council at 1 o'clock, P. M. |
| 23. | F. | Last-day of Classes, except for returning Library Books. |
| 24. | F. | Examinations in Latin, 3 A. M. Honour Examinations in Classics, English, Mathematics, and Extra Latin, 1st and 2nd years, 3 P. M. |
| 25. | T. | Examinations in Greek and Mathematical Physics, 4th year, 9 A. M. Honour Classes, Extra Greek, 1st and 2nd years, 3 P. M. |
| 26. | T. | Examinations in Logic and Metaphysics, 9 A. M. |
| 27. | M. | Examinations in Mathematics and Mathematical Physics, 3rd year; Honor Classes, HONOUR MATHEMATICS, Honour English, EXTRA LOGIC AND METAPHYSICS, 10 A. M. |
| 28. | T. | Examinations in Ethics and Experimental Physics, 9 A. M. Honour Classes, 2 P. M. |
| 29. | T. | Examination in History and History, 9 A. M. |
| 30. | T. | Examination in Chemistry, Honour Classics, History and His- tory, 9 A. M. |
| 31. | F. | Examinations in French and German. Extra Mathematics, 3rd year, 9 A. M. |
| 32. | sat. | Competition for "Young" Prize, 10 A. M. |
| 33. | Mo. | Meeting of Council at 10 A. M. |
| 34. | Mo. | Books of Examination received. |
| 35. | T. | Meeting of Convocation, 10.30 A. M. |
| May. | | |
| 1. | M. | Summer Session opens. Registration at 10 o'clock, A. M. Meeting of Senate at 11 o'clock, A. M. |
| 2. | F. | Lectures begin. |
| 23. | F. | Foundation Stone of College laid, 1862. |
| 24. | W. | Queen's Birthday. No Lecture. |
| 25. | W. | Meeting of Senate, 11 o'clock, P. M. |
| 26. | W. | Meeting of Convocation, 10.30 A. M. |
| 27. | W. | Hallux set off, 1778. No Lecture. |
| June. | | |
| 28. | F. | Lectures close. |
| 29. | F. | Examinations. |
| 30. | F. | Examinations. |
| 31. | T. | Examinations. Session ends. |

SUMMER SESSION, 1876.

- SUMMER SESSION opens. Registration at 10 o'clock, A. M. Meeting of Senate at 11 o'clock, A. M.
- 1. Mo. Lecture Series.
- 2. Tu. Foundation Stone of College laid, 1862.
- 3. W.
- 4. Th.
- 5. F.
- 6. Sa.
- 7. Su.
- 8. Tu.
- 9. W.
- 10. Th.
- 11. F.
- 12. Sa.
- 13. Su.
- 14. Tu.
- 15. W.
- 16. Th.
- 17. F.
- 18. Sa.
- 19. Su.
- 20. Tu.
- 21. W.
- 22. Th.
- 23. F.
- 24. Sa.
- 25. Su.
- 26. Tu.
- 27. W.

Dalhousie College and University.

BOARD OF GOVERNORS

HON. SIR WILLIAM YOUNG, Knight, Chief Justice of Nova Scotia, Captain.
HON. CHARLES TUPPER, C.B., M.D., M.P.
HON. J. W. RITCHIE, Judge of Supreme Court of Nova Scotia.
HON. S. L. SELBYSON, Q.C.
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CHARLES ROBINSON, Esq.
ALEXANDER FOREST, Esq. M.D.
REV. G. W. HILL, M.A.
GEORGE THOMSON, Esq., Secretary and Treasurer.

SENATE OF THE UNIVERSITY

VERY REV. JAMES ROSS, D. D., Principal.
REV. WILLIAM LYALL, LL. D.
CHARLES MACDONALD, M. A., Secretary of Senate.
JOHN JOHNSON, M. A.
GEORGE LAWSON, Th. D., LL. D.
JAMES DEMIL, M. A.

FACULTY OF ARTS.

VERE REV. PRINCIPAL BOSS, D. D., *Professor of Ethics and Political Economy.*
REV. WILLIAM LYALE, M. D., *Professor of Logic and Metaphysics.*
CHARLES MACDONALD, M. A., *Professor of Mathematics.*
JOHN LAWSON, M. A., *Professor of Classics.*
GEORGE JOHNSON, M. D., LL. D., *Professor of Chemistry and Micrology.*
JAMES DE MELL, M. A., *Professor of History and Ecclesiastical Jurisprudence.*
JAMES LOCHFITT, Esq., *Tutor in Modern Languages.*

Invited—JOHN WILSON

Faculty of Arts.

3.1—WINTER SESSION

The Winter Session of 1875-76 will commence on Wednesday, Oct. 27th, 1875, and end on Wednesday, April 26th, 1876.

II.—ADMISSION OF STUDENTS.

Students may enter the College

- As Undergraduates, with the intention of applying for a University Degree at the end of their course; or
 - As General Students who do not look forward to a University Degree.

The usual Course for Undergraduates extends over Four Winter Sessions. Students taking this Course are required to pass the Matriculation Examination of the First Year (see § III), and take the classes prescribed for their respective courses.

— But Students may shorten their attendance by one year, by passing the Matriculation Examination of the Second Year (see § III), and taking the usual Undergraduate Course for the Second, Third, and Fourth Years.

The Matriculation Examinations this year will begin on Oct. 27th, at 10 o'clock, A.M. Candidates are expected to bring their own writing materials, except notes.

General Students are not required to pass any preliminary Examination, and may attend such classes as they choose.

No person can be admitted as an Undergraduate after ten days from the opening of the classes, without the special permission of the Senate.

Undergraduates from other Universities will, on producing satisfactory certificates, be admitted to similar standing in this University, if, on examination, they be found qualified to enter the classes proper to their year.

§ III.—MATRICULATION EXAMINATIONS.

FOR THE FIRST YEAR. (*Four Years' Course*)

The Subjects of Examination for entrance into the First Year of the Course are:—

- I. IN CLASSICS.—Latin Grammar, Greek Grammar, one Latin, one Greek Author.
- Latin*.—Cesar, one book; Virgil, one book; Cicero, two Orations; Horace, one book of Odes.
- Greek*.—Xenophon, one book; Homer, one book; Lucian's Select Dialogues; New Testament, one Gospel.

The Books in which Candidates for Professors' Scholarships will be examined, will be prescribed from year to year. For Session 1875-76, they are in Latin, CICERO'S COMMENTARIES, Book V.; in Greek, XENOPHON'S ANABASIS. Book II.

- II. IN MATHEMATICS.—Arithmetic; Euclid's Elements of Geometry, Book I.; Algebra, to the end of Fractions.

- III. IN ENGLISH.—Grammar; History of England; Geography; Composition.

Special stress will be laid upon accuracy in Latin and Greek Grammar.

FOR THE SECOND YEAR. (*Three Years' Course*.)

In order to Matriculate for the Three Years' Course, a Student must pass an Examination,—

1. In the *Classics* of the first year as specified in § XIV., or their equivalents.

2. In the *Mathematics* of the first year as specified in § XIV.

3. In *English Grammar, English History, Geography and Composition*.

4. In *Roman History and Ancient Geography*, as specified in § XIV.

§ IV.—COURSE OF STUDY.

COURSE FOR DEGREE OF B. A.

First Year.—(1) Latin. (2) Greek. (3) Mathematics. (4) English Language and Rhetoric.

For First or Second Class in Latin or Greek, extra work is prescribed, and special stress is laid upon accuracy in Grammar. See § XIV.

For First or Second Class in Rhetoric extra work is required.

Second Year.—(1) Latin. (2) Greek. (3) Mathematics. (4) Chemistry. (5) Logic and Psychology.

For First or Second Class in Latin or Greek, extra work is prescribed, and for First or Second in Mathematics an additional hour a week is required. (See § XIV.).

Undergraduates of the Second Year are required to pass an Examination in Roman History and Ancient Geography, on the first Monday of the Winter Session. (See § XIV.).

Third Year.—(1) Latin. (2) Mathematical Physics. (3) Experimental Physics. (4) Metaphysics. (5) French or German. (6) Greek or Chemistry.

Undergraduates of the Third Year are required to pass an Examination in Greek History and Ancient Geography on the first Monday of the Winter Session. (See § XIV.)

Fourth Year.—(1) Latin. (2) Ethics and Political Economy. (3) History. (4) French or German. (5) Mathematical Physics or Greek.

A Student must take the same Modern Language as part of his Undergraduate Course in the Third and Fourth Years.

For First or Second Class in History, extra work is required.

§ V.—HONOUR COURSES.

Honour Courses are intended for those Students whose tastes and ability lead them to prosecute special subjects of the Curriculum, and remissions of classes are granted to Students studying such Courses or Courses.

Honour Courses are provided in the following groups of subjects:—(1) Classics; (2) Mathematics and Physics; (3) Mental and Moral Philosophy; (4) History, Political Economy, and English Literature and Language. Instruction of an advanced kind is provided in those subjects during the third and fourth years of the Curriculum.

Examinations in these Courses are held at the final Examinations for the Degree of B. A.; and a Student passing First or Second Class in any of the above groups of subjects obtains the Degree of B. A. with Honours in such subjects. But First Class Honours shall not be awarded to any one who has not passed First Class in the corresponding subjects of the Ordinary Course of the Fourth Year: nor Second Class Honours to one who has not passed Second Class in the Ordinary.

No Student will be allowed to enter on an Honour Course who has not stood in the First or Second Class at the previous Examination in the relative part of the Ordinary Course.

A Student taking an Honour Course, but failing to obtain Honours, will receive the Ordinary Degree, if his Examination in the Course be approved of.

A Student of the Third Year, for Honours, (see § XV).—

In Classics, may omit the Mathematical Physics of the year;

In Mathematics and Physics, in Mental and Moral Philosophy, in History, Political Economy, &c., may omit the sixth subject of the Ordinary Course, (see § IV).

A Student of the Fourth Year studying for Honours,

In Classics, may omit Mathematical Physics, and either Ethics and Political Economy or History;

In Mathematics, may omit either Latin or Ethics and Political Economy;

In Mental and Moral Philosophy, or in *History, Political Economy, &c.*, may omit the fifth (selective) subject of the Ordinary Course, (see § IV).

VI.—SUMMER SESSION.

The Summer Session will commence on Monday, 1st May, 1875, and close at the end of June. Classes will be opened for instruction in the following subjects:

| | |
|----------------------|--------------------------------|
| Classics. | Optics. |
| Theory of Equations. | Chemistry. |
| Applied Logic. | History of English Literature. |
| | Modern Languages. |

VII.—FEES.

The Fee to each Professor, whose class or classes a Student enters, is *six dollars* for the Session.

An Undergraduate, who has completed two years of his course, may attend the Classics and Mathematics during the remainder of his Undergraduate Course without the payment of additional Fees.

Mathematical and Experimental Physics constitute a separate class.

General Students pay a fee for every class they attend.

Practical Chemistry, three months' course (optional), fee *six dollars*. Students taking this class are required to provide their own materials. The use of the larger articles of apparatus will be given in the Laboratory free of expense.

In addition to Class Fees, there is a Matriculation Fee of *two dollars*, payable by Undergraduates at their first entrance. General Students pay an annual Registration Fee of *one dollar*.

Both Undergraduates and General Students are also required, at the beginning of each Session, to pay a Library Fee of *one dollar*, which entitles to the use of the Library for the year.

Matriculation or Registration Tickets and Class Tickets must be taken out on the first day of Lectures, no Student being allowed to attend a Class without them.

The total fees of Undergraduates, who take the ordinary R. A. Course in Arts, are as follows:—

| | |
|---|-------|
| Class of First Year, with Library and Matriculation Fee | 25 00 |
| Second Year, with Library Fee | 25 00 |
| Third " " | 13 00 |
| Fourth " " | 13 00 |

VIII.—GRADUATION.

DEGREE OF R. A.

The Degree of R. A. may be obtained by passing the proper Matriculation Examination, attending the prescribed Courses of Lectures, and passing the Sessional Examinations at the close of the several years.

Undergraduates have also to pass entrance Examinations, as set forth in § IV.

The fee for Diploma, payable before the final Sessional Examinations, is *six dollars*. Fee returned in case of failure at the Examinations.

DEGREE OF M. A.

A Bachelor of Arts, of at least three years' standing, maintaining meanwhile a good reputation, shall be entitled to the Degree of M. A., on producing an approved Thesis on a literary or professional subject.

Fee for diploma, which must accompany the Thesis, *twenty dollars*, except in case of those who entered as Undergraduates prior to 1852, who pay *five dollars*. Thesis to be handed in before the end of March.

IX.—REGULATIONS FOR EXAMINATIONS.

1. If an Undergraduate absent himself from any University Examination, except for such cause as may be held good by the Senate, he will lose his year.

2. If an Undergraduate fail to pass in any subject at the Sessional Examinations, he will be allowed a Supplementary Examination on the first Thursday of the following Winter Session, or of a subsequent Winter Session by the permission of the Senate, on giving notice to the Secretary of the Senate at or before the opening of the Winter Session; but failing in more than two subjects will involve the loss of the year. N. R.—In the application of this Rule, Mathematics will be reckoned as two subjects, and Latin and Greek each as one subject.

3. In all cases, a Student who presents himself for Supplementary Examination on any day except that specified in the Rule, will be required to pay an extra fee of *two dollars*.

4. Undergraduates of the Second and Third Years who fail to present themselves for the Entrance Examinations in History and Ancient Geography on the day named in the Calendar, may, on payment of a fine of *two dollars*, have another day appointed them for such Examinations.

5. Students are forbidden to bring any book or manuscript into the Examination Hall, unless by direction of the Examiner, or to give or receive assistance, or to aid any communication at the Examinations. If a Student violate this rule, he will lose his Sessional Examinations for the year; and it shall be at the discretion of the Senate whether he be allowed Supplementary Examinations.

6. Students who pass the Examinations in the several subjects of their respective years, are arranged in three classes, First Class, Second Class, and Pass, according to the merit of their answers in these subjects.

S XI.—PROFESSORS' SCHOLARSHIPS.

Two Scholarships, entitling to free attendance on all the classes of the Undergraduate course as long as the holders maintain a First or Second Rank at the Sessional Examinations, are offered by the Professors for competition this year; the competition to take place at the Matriculation Examinations. For subjects of Examination, see § III.

S XII.—PRIZES, CERTIFICATES OF MERIT, AND METALS.

THE UNIVERSITY PRIZES.

These Prizes are awarded to those Undergraduates who stand first in the several subjects at the Sessional Examinations, provided they occupy positions in the First or Second Class, and have passed in all the other subjects proper to their year.

THE ST. ANDREW'S PRIZE.

This Prize will be awarded this year to the Student who stands first in Mathematics at the Sessional Examinations of the Second Year.

YOUNG PRIZE.

Two Elocution Prizes of \$20 and \$10 respectively, are this year offered by the Hon. Sir Wm. Young, Knt., Chief Justice of Nova Scotia, and are open for competition to all Arts Students. These prizes will be competed for at the close of the Winter Session. A Student to whom one of these Prizes has been awarded is disqualified for subsequent competition.

LAWSON PRIZE.

A Prize of \$20 is offered by Colonel Laurie, Oakfield, for the best Essay on "Public Roads in Nova Scotia; on what system can their construction and maintenance be best provided for in the public interest?"

Essays to be sent in not later than 18th March, 1876, each signed with a motto, and accompanied with a sealed envelope, bearing the motto and containing the name of the writer.

THE WAVERLEY PRIZE.

This Prize, of the value of \$60, has been founded by an unknown Benefactor, whose object in so doing is to encourage the studies of the Curriculum, especially Mathematics. It will be awarded to the Undergraduate of the Third Year who makes the highest total of marks at the Sessional Examinations, the

numbers being reckoned according to the following scale: Natural Philosophy, 200; Pure Mathematics, 100; Classics, 200; Chemistry, 150; Metaphysics, 150.

It is to be intended that, after this year, this Prize shall alternate with the North British Society's Bursary, and be held for two years by the successful competitor.

THE ALUMNI ASSOCIATION PRIZE.

The Alumni Association of this University, with judicious liberality, have this year provided Two Prizes of \$25 each for Students of the First and Third Years. These Prizes will be awarded to the two Students of these years who obtain the highest total of marks at the Sessional Examinations.

NORTH BRITISH SOCIETY BURSARY.

A Bursary of the annual value of \$60, has been founded in connection with Dalhousie College by the North British Society of Halifax, to be competed for at the Sessional Examinations of the Second Year's course, and held by the successful competitor for two years, namely, during the Third and Fourth Years of his Undergraduate Course. Candidates must be Undergraduates who have completed two years of the Curriculum, and must be eligible at the proper age to be Members of the North British Society. The next competition will take place in April, 1876, at the Sessional Examinations. In awarding this Prize, Classics, Mathematics, and Chemistry will be reckoned each 150; Logic, 100.

MELBOURNE PRIZE.

A Prize of \$25 in memory of an "earnest student," is offered this year by a donor who does not wish his name to be made public. It will be awarded to the Student of the First Year, who obtains the second highest total of marks on the subjects of the regular course at the Sessional Examinations.

GOVERNOR GENERAL'S MEDALS.

His Excellency, Earl Dufferin, Governor General of Canada, has been pleased to offer a gold and a silver medal for competition, during his tenancy of office. These medals will be awarded to the two Students of the Fourth Year who stand highest at the Final Examinations for the Degree of B. A.

CERTIFICATES OF MERIT.

Certificates of merit of the First or Second Rank will be given to Undergraduates who have respectively obtained a First or Second Class standing in the aggregate of the branches of study proper to their year.

SCH.—ATTENDANCE AND CONDUCT.

1. All Undergraduates, and General Students attending more classes than one, are required to provide themselves with caps and gowns, and wear them in going to and from College. Gowns are to be worn at Lectures, and at all meetings of the University.

2. Attendance upon all classes of the year, except those announced as optional, shall be imperative on all Undergraduates.

8. A Class Book will be kept by each Professor, in which the presence or absence of Students will be carefully noted.

4. Professors will mark the presence or absence of Students immediately before commencing the work of the class, and will note as absent those who enter thereafter, unless satisfactory reasons be assigned.

5. Absence without sufficient excuse, or lateness, or inattention or disorder in the Class Room, if persisted in after due admonition by the Professor or the discipline proper to the class, will be reported to the Senate.

6. The amount of absence which shall disqualify for the keeping of a Session will be determined by the Senate.

7. Injuries to the building or fixtures will be repaired at the expense of the person or persons by whom they have been caused ; and such other penalty will be imposed as the Senate may think proper.

may make proper.

8. While in the College, or going to or from it, Students must conduct themselves in an orderly manner. Any Professor observing any improper conduct in a Student will admonish him, and, if necessary, report to the Principal.

9. When a Student is brought before the Senate and convicted of a violation of any of these rules, the Senate may reprimand privately or in the presence of the Students, or report to the parents or guardians, or disqualify for competing for Prizes or Certificates of Merit, or report to the Governors for suspension or expulsion.

10. Students not residing with parents or guardians must report to the Principal their place of residence within one week after their entering College, and the Principal may disallow such residence if he see good cause. Any change of residence must also be reported.

11. It is expected that every Student will attend Divine worship regularly, in one of the city churches or chapels.

THE LIBRARY.

The Library consists of a careful selection of the most useful books in each department of study embraced in the University course. There are likewise a few works in general literature. The Library embraces in all upwards of 1800 volumes. All Students are entitled to the use of the Books, on payment of the annual fee of one dollar.

XIV.—ALUMNI ASSOCIATION.

This Association has now entered upon the fifth year of its existence, and gives satisfactory promise of future prosperity. The ends it has in view are to strengthen the bonds of fellowship among the Alumnæ, to unite them in the endeavor to promote Higher Education in these Provinces, and specially to extend the influence and usefulness of their Alma Mater.

Hitherto the only assistance they have lent the University has been the furnishing of Prizes for competition to Undergraduates at the Sessional Examinations, (see § XL), but it is expected that the time is not distant when the Association shall have developed into an important adjunct to the University. Next year a Bill to incorporate the Association will be introduced into the Provincial Parliament. The present Executive Committee are meantime empowered to take such other steps as shall seem fitted to promote the interests of the Association.

Undergraduates of more than two years' standing, and General Students who have attended Classes for at least two years, are qualified for admission to the Association; and it is hoped that before long every Graduate at least will have been enrolled in the List of Members.

The annual meeting of the Association takes place on the eve of Convocation day, at the close of the Winter Session.

Office-bearers for the present year:

| | |
|---|--|
| <i>President</i> | D. C. FRASER, B. A. |
| <i>Vice-President</i> | L. H. JORDAN, B. A. |
| <i>Secretary</i> | J. M. OXLEY, B. A. |
| <i>Treasurer</i> | JAS. FORBES, M. A. |
| G. D. McDONALD, B. A. HUGH McKENZIE, M. A. ROBERT SCHENCKE, B. A. | To compose the Executive Committee together with the officers. |

§ XV.—ORDINARY COURSE FOR B. A.

LATIN AND GREEK.

FIRST YEAR.

LATIN.—*Caesar*: First Oration against Catilina.
"Third Oration against Catilina.

Virgil: *Aeneid*, Book V.

GREEK.—*Loebian*: *Timon*.

"*The Dream*.

COMPOSITION.—*Principia Latina*, Part IV.

SECOND YEAR.

LATIN.—*Lucretius*: Book I., chapters 1-30. * Book I., chapters 30-60.

Horace: *Odes*, Book I.

GREEK.—*Herodotus*: Book I., scenes 25-141. * Book II., scenes 1-31.

Homeric *Odyssey*, Book IX.

COMPOSITION.—*Principia Latina*, Part IV. *Initia Graeca*, Part III.

THIRD AND FOURTH YEARS.

LATIN.—*Tacitus*: *Agriphila*; *Germany*.

Juvencus: *Satires* VII., VIII., XIV.

GREEK.—*Dumathene*: *Olynthiacae*, II., III.; *Philippeus*, IV.

COMPOSITION.—*Principia Latina*, Part V. *Initia Graeca*, Part III.

PHYSIOLOGY.—Outlines of Comparative Physiology.

As the Sessional Examinations of the Third and Fourth Years, *passages* taken from books not read in the Course will be set for translation.

† ANCIENT HISTORY AND GEOGRAPHY.

SECOND YEAR.—History of Rome, to B. C. 31. Geography, Italia, Sicilia, Gallia, Britannia.

THIRD YEAR.—History of Greece to the Roman Conquest. Geography of Greece, Africa, Asia.

Books recommended: *Liddle's History of Rome*; *Smith's History of Greece*; *Pillans's Classical Geography*.

MATHEMATICS AND PHYSICS.

FIRST YEAR.

ARITHMETIC.—Revision of the Theory of Proportion, Vulgar and Decimal Fractions.

ALGEBRA.—Common Measure, Involution, Evolution, the Arithmetical Extraction of Roots, Fractions, Equations of the First and Second Degree, Proportion, Inequalities, Variational Progressions.

GEOMETRY.—First Book of Euclid (revised); Second, Third, and Fourth Books; Definitions of Fifth, and Sixth Books to the Eighth Propositions, with Geometrical Exercises and Practical applications.

PLANE TRIGONOMETRY.—Solution of Plane Triangles.

SECOND YEAR.

GEOMETRY.—Sixth Book of Euclid finished; Geometrical Exercises continued; Geometrical Drawing.

PLANE TRIGONOMETRY.—Circular and Gradual Measure; Functions of angles; Differentiation of angles, &c.; Relations of the sides and angles of triangles; Measurement of Heights and Distances; Elementary Problems in Navigation; Use of Logarithms.

ALGEBRA.—Simple Indeterminate Equations; Binomial Theorem; Properties of Logarithms; Compound Interest; Annuities.

* Only Students competing for a First or Second Class at the Sessional Examinations will be examined in this additional work, which will not be read in class.

The Examination in these subjects will be held at the beginning of the Winter Session.

EXTRA.

GEOMETRY.—21 Propositions of the Eleventh Book of Euclid; Geometrical Exercises.

TRIGONOMETRY.—Extension of Ordinary Course.

ALGEBRA.—Permutations, Combinations, Probabilities, Life Assurance, Investigation of Binomial Theorem and Theory of Logarithms, Indeterminate Coefficients, Higher Equations with Horner's Method of Solution.

EXPERIMENTAL PHYSICS.

(Third Year.)—Text Book: *Ganot's Physics*.

MATHEMATICAL PHYSICS.

(Fourth Year.)—Text Book: *Galbraith and Haughton's Manual of Mechanics*.

(Fifth Year.)—Text Book: *Galbraith and Haughton's Manuals of Astronomy and Optics*; *Pleas's Hydrostatics* (or *Galbraith and Haughton's*).

ETHICS.

(Fourth Year.)—Text Books: *Stewart's Actus and Moral Powers of Man*; *Whewell's Elements of Morality*.

POLITICAL ECONOMY.

(Fourth Year.)—Text Books: *Mill's Political Economy*; *Sesier's Political Economy*.

LOGIC AND PSYCHOLOGY.

(Second Year.)—Text Books: *Sir William Hamilton's Lectures on Logic*; Prof. Lallie's "Intellect, the Emotions, and the Moral Nature."

METAPHYSICS AND ESTHETIC.

(Third Year.)—Text Books: *Sir William Hamilton's Lectures on Metaphysics*; *Masset's Metaphysics*; *Lamet's Biographical History of Philosophy*; *Cousin on The Beautiful*; *Aliard's Essays on the Nature and Principles of Taste*.

CHEMISTRY.

(Second Year.)—Text Book: *Fowles' Manual of Chemistry*, the whole of the Inorganic part (excepting "Physics"), and a portion of the Organic.

(Third Year.)—Same Text Book, including whole of the Organic Chemistry.

ANALYTICAL CHEMISTRY.

Macadam's Practical Chemistry; *Fresenius's Qualitative and Quantitative Analysis*.

RHETORIC.

FIRST YEAR.

RHETORIC.—Text Books: *Quintillian's Institutes of Oratory*; *Whately's Elements of Rhetoric*; *Carroll's Philosophy of Rhetoric*. Essays and exercises on the principles of Rhetorical Style.

ELOCUTION.—Exercises every session after the Christmas holidays. Books recommended: *Porter's Analysis of the principles of Rhetorical delivery*; *Russell's Elocution*; *Sargent's Standard Speaker*; *Dominion Elocutionist*; *Nova Scotia Readers* No. 4 and No. 7.

ENGLISH LANGUAGE.

FIRST YEAR.

ANGLO-SAXON.—Text Books: Comparative Grammar of the Anglo-Saxon Language, F. A. March, LL.D., Anglo-Saxon Reader, by F. A. March, LL.D.
ENGLISH.—Text Books: Specimens of Early English, by R. Morris, LL.D., and W. W. Skeat, M.A.; Part Second, The Philology of the English Tongue, by John Earle, M.A.

HISTORY.

FOURTH YEAR.

Text Books: Gibbon's Decline and Fall of the Roman Empire. Hume's History of England. History of France. Sismondi's Italian Republics. Hallam's Middle Ages. Taylor's Modern History.

EXTRA.

History of Germany. Constitutional History.

FOURTH YEAR.

Text Books: Stubbs' Constitutional History. Hallam's Constitutional History.

MODERN LANGUAGES.

FRENCH.—(Third Year.)—Pujol's Grammar, (first part.)—Scribe's "Valérie."

GERMAN.—(Third Year.)—Otto's German Conversation Grammar.—Adler's Reader.—Schiller's "Wilhelm Tell."

FRENCH.—(Fourth Year.)—Pujol's Grammar.—(fourth part.)—Molière's "Le Bourgeois Gentilhomme."

GERMAN.—(Fourth Year.)—Otto's German Conversation Grammar.—Adler's Reader.—Schiller's "Wilhelm Tell" continued.

XVI.—HONOUR COURSES.

CLASSICS.

(The following Course, in addition to the ordinary, is prescribed for Classical Honours in the Fourth year.)

LATIN.—Plautus: Miles Gloriosus.

Turcic: Heautontimorumenos.

Virgil: Georgics, Books I., IV.

Horace: Epistles, Books I., II., Ars Poetica.

Juvencus: Saltires, III., X., XIII.

Cicero: Tusculan Questions, Book I.

Tacitus: Annals, Book I.

GREEK.—Eschylus: Prometheus Vincit.

Sophocles: Oedipus Rex.

Homer: Iliad XVIII., XXIV.

Thucydides: Book II.

Plato: Phædo.

Demosthenes: De Corone.

COMPOSITION.—Latin Prose.

LITERATURE.—Müller and Donaldson's History of Ancient Greek Literature; Bay's Roman Classical Literature (Brown's); Theore of the Greeks (Donaldson's).

PHILOLOGY.—Müller's Science of Language, Vols. I., II.; Clark's Comparative Philology; Donaldson's Variations, chap. VI., VII., VIII., IX., XI., XIV.; Donaldson's Cratylus, Book I., chap. 5, Book III., chap. 2, Book IV., chap. 4; Lewis's Essay on the Romance Languages.

MATHEMATICS AND MATHEMATICAL PHYSICS.

TRIGONOMETRY.—DeMoivre's Theorem and Angular Analysis. Spherical Trigonometry, with application to Astronomy.

ANALYTICAL GEOMETRY.—The Straight Line, the Circle, Parabola, Ellipse, Hyperbola. The Logarithm of the General Equation of the Second Degree between two Variables.

DIFFERENTIAL CALCULUS.—Differentiation; Theorems of Leibnitz, Newton, and Taylor; Maxima and Minima of Functions of One Variable; Expansion of Functions of Two Variables; Maxima and Minima such Functions; Radius of Curvature; Osculating Circle; Envelope; the tracing of Curves by means of their Equations.

INTEGRAL CALCULUS.—Integration of Simple Forms; Integration by Parts and Formulae of Reduction; Integration by Substitution &c. Applications to determine Lengths of Curves, Surfaces, Volumes &c.; Differential Equations (selected cases) Application to Physical Investigations, e. g., Centre of Gravity, Attraction, Central Forces, &c.

BOOKS RECOMMENDED—(in order of Preference.)

Toomre's Spherical Trigonometry.

Toomre's Plane Trigonometry, or Colenso's (2nd part.)

Toomre's, Peacock's, or Sturm's Conic Sections.

Hall's, Hald's, or Tannery's Differential and Integral Calculus.

Toomre's or Young's Theory of Equations.

Bodle's Differential Equations.

EXPERIMENTAL PHYSICS.

Hirst's Mode of Motion, by Tyndall.

Optics, by Sir David Brewster.

The Student's Text Book of Electricity (Noord.)

Nicol's Physical Sciences (Article, Magnetism.)

MENTAL AND MORAL PHILOSOPHY.

LOGIC.

Sir William Hamilton's Lectures on Logic. Whately's Logic, Books II., III., IV. Mill's Logic, I., II.

METAPHYSICS AND ESTHETICS.

Descartes' Principles of Philosophy. Reid's Essays, VI. Sir William Hamilton's Lectures on Metaphysics. Sir Wm. Hamilton's Philosophy of Perception and Philosophy of the Unconditioned. Lowes' Biographical History of Philosophy. Cousin's Philosophy of the Beautiful. Alken's Essays on the Principles of Taste. Books on the Sublime and Beautiful.

ETHICS.

Mackintosh's Dissertation on the Progress of Ethical Philosophy. Butler's Sermons on Human Nature, with the Preface and the Dissertation on the Nature of Virtue.

Smith's Theory of Moral Sentiments.

Thompson's Christian Theism.

Aristotle's Ethics, Book I., III., VI., X., (in English.)

HISTORY, ENGLISH LANGUAGE AND LITERATURE, AND POLITICAL ECONOMY.

HISTORY.

- Bede's Ecclesiastical History of England.
 Freeman's History of the Norman Conquest.
 Freeman's English Constitution.
 Statute's Select Charters.
 Macaulay's History of England.
 Breyce's Holy Roman Empire.
 Guizot's History of Civilization.
 Martin's History of France.
 Meissel's History of Germany.
 Mallet's Northern Antiquities.

ENGLISH LANGUAGE.

ANGLO SAXON.

- Thorpe's Anglo-Saxon.
 Poems of Beowulf, the Scop or Gleeman's tale, and the Fight at Finnesburg—Benjamin Thorpe.
 Lists of St. Guthlac—Charles Wycliff Goodwin, M. A.
 King Alfred's Anglo-Saxon Version of Orosius—Rev. Dr. Bosworth.

ENGLISH.

- Specimens of Early English—Morris & Skeat, part first.
 Specimens of English Literature—W. W. Skeat, M. A.
 The Vision of William concerning Piers the Plowman, by William Langland—W. W. Skeat, M. A.
 Chaucer, Part First: The Prologue, The Knight's Tale, The Nunne Preste's Tale, Edited by R. Morris, Editor for the E. E. T. S., Part Second: The Prioress' Tale, etc., edited by Rev. W. W. Skeat, M. A.
 Spenser's Faerie Queene, Books First and Second, by G. W. Eitchir, M. A.
 Shakespeare's Select Plays, edited by W. G. Clark, M. A., and W. Aldis Wright, M. A.: I. The Merchant of Venice; II. Richard the Second; III. Macbeth; IV. Hamlet; V. The Taming of the Shrew, Afrancesco M. Lessenti, W. Aldis Wright, M. A.
 Milton, Poems—R. C. Browne, M. A.
 Dryden, Selectors, by W. D. Christie, M. A.
 Pope, Essay on Man, Satires, and Epistles, by Mark Pattison, B. D.

Degrees Conferred, April, 1875.

MASTER OF ARTS.

HUGH MCKENIE, B. A. ERNEST SCOTT, B. A.

BACHELOR OF ARTS.

JAMES FITZPATRICK, LOUIS H. JORDAN,
 ALEXANDER McLEOD, GEORGE McHILLAS,
 HECTOR M. STEAMERHL.

DOCTOR IN MEDICINE AND MASTER IN SURGERY.

J. L. BETHUNE, ROBINSON COX,
 A. W. H. LINDSEY, W. S. HIR,
 CAMMIE BOSEK.

ST. ANDREW'S PRIZE.

1873—John W. McLeod. 1874—John W. McLeod. 1875—James McLean.

ALUMNI PRIZES.

1873—James M. Stewart. 1874—1. James McLean; 2. John H. Sinclair.
1875—1. J. H. Cameron, Private Study; 2. Robert H. Humphrey, Halifax Grammar School.

" UNKNOWN " PRIZE.

1873—James McLean.

WAVERLEY PRIZE.

1873—William Beairsto, William B. Ross, equal. 1874—James Fitzpatrick. 1875—James McLean.

MELBOURNE PRIZERS.

1875—1. John W. McLeod; 2. James M. Stewart.

GOVERNOR GENERAL'S MEDALS.

1875—Gold Medal, Louis H. Jordan; Silver Medal, George McMillan.

SCHOLARSHIPS.

1861—Arthur P. Silver, Halifax Grammar School; A. W. H. Lindsay, Pictou Academy.
1862—James G. McGregor, Private Study; James M. Inglin, Prince of Wales College, Charlottetown, P. E. I.
1863—Alex. W. Pollock; W. P. Archibald, Halifax Schools.
1865—Charles D. MacDonald, Pictou Academy; Bruce A. Lawson, Henry Macleod, Halifax Schools.
1870—Andrew C. Herdman, Pictou Academy; Alexander C. Patterson, Fort MacKay Academy.
1871—William Brewster, Pictou Academy; George McMillan, Private Study.
1872—Frances H. Bell, Private Study; Frederick W. O'Brien, Pictou Academy.
1873—James McLean, Private Study; John Waddell, Pictou Academy.
1874—John L. George, Pictou Academy; John Stewart.

GRANT PRIZE.

For Essays.—1861—Joseph H. Chase. 1867—Autrey Lippscott. 1868—Arthur P. Silver. 1869—Herbert A. Evans. 1870—Hugh M. Scott. 1871—Duncan C. Fraser. 1872—Alex. H. McKay.

THE YOUNG PRIZES.

General Prize, voted by Students.—1867—1. John Gow, 3rd and 4th years; 2. Alex. C. McKenzie, 1st and 2nd years. 1868—George Murray, 3rd and 4th years; 2. Wentworth E. Rossie, 1st and 2nd years. 1869—1. John J. McKenzie, 3rd and 4th years; 2. Hiram Logan, 1st and 2nd years. 1870—*For Essay*, Walter M. Thorburn; *For Elocution*, Duncan C. Fraser. 1871—*For Essay*, James G. McGregor; *For Elocution*, Robert G. Sinclair. 1872—*For Essay*, Ephraim Scott; *For Elocution*, William A. Mills. 1873—*For Elocution*, Frederick W. Archibald. 1874—Richmond A. Logan. 1875—8. J. McKnight.

ROY PRIZES.

For Elocution.—1868—1. Alex. G. Russell; 2. James G. McGregor. 1869—1. Albert R. Quinn; 2. William M. Doull.

NORTH BRITISH SOCIETY DUBARRY.

1868—Hugh M. Scott. 1873—Ephraim Scott. 1872—James C. Herdman. 1874—James M. Stewart.

LAURIE PRIZE.

1871—Hugh M. Scott, H. A. 1872—Duncan C. Fraser. 1873—David F. Croftman. 1874—Archibald Guinn. 1875—Alex. McLeod.

SPECIAL PRIZES.

The SIR Wm. YOUNG PRIZE of \$20 for Elocution, was won by SAMUEL J. McKNIGHT.

The ST. ANDREW'S PRIZE, for the best Examination in the Classics of the Second Year, was won by JAMES MCLEOD.

The MELBOURNE PRIZES of \$25 and \$15, offered for the highest answers in all the subjects of the Third Year, were won by, 1. J. W. McLEOD; 2. J. M. STEWART.

The WAVELL PRIZE of \$20, for highest total of marks made at the Examinations of the Second Year, was won by JAMES MCLEOD.

The ALUMNI ASSOCIATION PRIZE of \$20 and \$20, for highest total of marks made at the Examinations of the First Year, were won by, L. J. H. CAMERON; 2. SGT. H. HUMPHREY.

The UNKNOWN BENEFACTOR'S PRIZE of \$50, for highest total of marks made at the Examinations by an Undergraduate of any year, was won by JAMES MCLEOD.

The COL. LAUCIE PRIZE of \$20, for best Essay on "Our Lake and River Fisheries," was won by ALEXANDER H. MITCHELL.

Medals, Prizes and Certificates of Merit,

1875.

THE GOVERNOR GENERAL'S MEDALS.

THIS GOLD MEDAL Louis H. Jordan,
THIS SILVER MEDAL George McMillan.

UNIVERSITY PRIZES.

FOURTH YEAR.

| | | |
|------------------|-------|------------------|
| CLASSICS | ..... | G. McMillan, |
| PATRIOTICS | ..... | Louis H. Jordan, |
| ETHICS | ..... | Alex. McLeod. |
| HISTORY | ..... | Louis H. Jordan, |
| MODERN LANGUAGES | ..... | Louis H. Jordan, |

THIRD YEAR.

| | | |
|---------------------------|-------|----------------|
| CLASSICS | ..... | J. W. McLeod, |
| NATURAL PHILOSOPHY | ..... | J. W. McLeod, |
| METAPHYSICS | ..... | J. M. Stewart, |
| MODERN LANGUAGES | ..... | G. McKittrick, |
| CHEMISTRY (Special Prize) | ..... | G. L. Gorlow. |

SECOND YEAR.

| | | |
|-------------|-------|---------------------|
| CLASSICS | ..... | L. J. McLean, |
| MATHEMATICS | ..... | 2. A. A. MacKenzie, |
| PSYCHOLOGY | ..... | L. J. McLean, |
| CHEMISTRY | ..... | 2. H. H. Hamilton, |
| | | J. McLean, |
| | | J. McLean, |

FIRST YEAR.

| | | |
|-------------|-------|--------------------|
| CLASSICS | ..... | L. J. L. George, |
| MATHEMATICS | ..... | 2. R. H. Humphrey, |
| RHETORIC | ..... | 2. H. Cameron, |
| | | 2. H. Cameron, |

CERTIFICATES OF GENERAL MERIT.

FIRST CLASS—Fourth Year—L. H. Jordan, G. McMillan. Third Year—J. W. McLeod, J. H. Stewart, F. H. Bell. Second Year—J. McLean, J. Waddell. First Year—J. H. Cameron.

SECOND CLASS—Fourth Year—Alex. McLeod. Third Year—Rupert McKittrick. Second Year—J. McD. Scott, H. H. Hamilton. First Year—H. H. Humphrey.

(The names of the Students are arranged in the order of merit.)

Examinations, 1874-5.

SCHOLARSHIP EXAMINATION, OCT. 1874.

The Professors' Scholarships, offered for competition to Students entering as First Year's Undergraduates were gained by
 JOHN LEWIS GREENE, Princeton Academy.
 JOHN STEWART.

UNIVERSITY EXAMINATIONS.

The following Undergraduates have passed the University Examinations in their several years:-

SUPPLEMENTARY EXAMINATIONS, OCT. 1874.

SECOND YEAR.—Mathematics: J. S. Morton, J. N. Shannon.
 Chemistry: F. H. Bell.

ENTRANCE EXAMINATIONS IN ANCIENT HISTORY AND GEOGRAPHY, NOV. 1874.

THIRD YEAR.—Class 1.—F. H. Bell, John Birro, J. M. Stewart, equal.
 Class 2.—J. N. Shannon, Wm. A. Mills, J. W. McLeod. Passed—G. H. Fulton, G. W. Munro.
 SECOND YEAR.—Class 1.—J. McLean, H. H. Hamilton. Class 2.—J. C. Sutherland, Passed—H. McCutcheon, (Wm. A. Mason, John Waddell), equal. R. E. Chambers, J. H. Sinclair, Stanley McCurdy, equal.
 W. H. Grant, John M. Scott, A. Regan.

SUPPLEMENTARY EXAMINATIONS IN ANCIENT HISTORY AND GEOGRAPHY, JANUARY, 1875.

THIRD YEAR.—Wm. Brownrigg, H. McKittrick, A. McLean, J. A. McLean.
 SECOND YEAR.—G. A. Laird, A. A. McKenna, J. S. Murray, C. Pittlado.

SESSIONAL EXAMINATIONS, 1875.

(The names of the Students are arranged alphabetically.)

FOURTH YEAR.—(Final Examination for Degree of B. A.)—James Fitzpatrick, Louis H. Jordan, Alex. H. McLeod, George McMillan, Hector M. Strangberg.
 THIRD YEAR.—Francis H. Bell, Wm. Brownrigg, Burgess McKittrick, James A. McLean, J. W. McLeod, W. A. Mills, J. Murray, J. N. Shannon, J. M. Stewart.
 SECOND YEAR.—R. E. Chambers, H. H. Hamilton, George A. Laird, Wm. A. Mason, H. McCutcheon, A. A. McLean, John S. Murray, J. McLeod, John M. Scott, J. H. Sinclair, J. C. Sutherland, A. Regan, J. Waddell.
 FIRST YEAR.—J. A. Cairns, J. H. Cameron, H. Chambers, J. L. George, R. H. Humphrey, W. T. Kennedy, J. R. Law, S. J. McKnight, Edw. C. McLeod, Wm. Miller, C. H. Mitchell, G. W. Munro, E. L. Newsome, R. D. Ross, J. Stewart, A. Whitman.

LATIN.

FOURTH YEAR.—Class 1.—George McMillan, Class 2.—Louis Jordan, Alex. H. McLeod, Passed—James Fitzpatrick, Hector M. Strangberg.
 THIRD YEAR.—Class 1.—J. W. McLeod, F. H. Bell, Class 2.—J. M. Stewart, Edward McKittrick, Passed—T. Rutherford, Wm. Brownrigg, Wm. A. Mills, J. S. Morton, C. L. Gorlon, J. N. Shannon, J. A. McLean, G. E. Fulton.

SECOND YEAR.—Class 1.—James McLean, A. A. McKenna, Class 2.—J. McLeod, Scott, J. Waddell, H. McCutcheon, Passed—G. A. Laird, Colin Pittlado, H. H. Hamilton, R. E. Chambers, E. McCutcheon, J. H. Sinclair, Anderson Rogers, J. S. Murray, W. H. Grant, Isaac Archibald, F. W. Archibald, William A. Mason, V. C. Sutherland, J. C. McKenzie.

FIRST YEAR.—Class 1.—J. L. George, Wm. Miller, Class 2.—R. Humphrey, J. H. Cameron, Robert D. Ross, G. W. Munro, Passed—H. Chambers, E. L. Newsome, S. J. McKnight, J. E. Law, A. Whitman, W. T. Kennedy, J. Stewart, J. A. Cairns, W. T. Montgomery, R. C. McElroy, F. G. Smith, Ch. Mitchell.

GREEK.

FOURTH YEAR.—Final Examination for Degree of R. A.—Class 1.—G. McMillan, Class 2.—A. L. Macleod, Passed—H. Strangberg.

THIRD YEAR.—Class 1.—J. W. McLeod, Wm. H. Bell, J. M. Stewart, Class 2.—R. McKittrick, Passed—Wm. Brownrigg, J. N. Shannon, J. Murray, A. McLean, J. A. McLean.
 SECOND YEAR.—Class 1.—J. McLean, H. McCutcheon, A. A. McKenna, J. Waddell, Class 2.—J. M. Scott, Passed—G. A. Laird, J. S. Murray, J. H. Sinclair, C. Pittlado, (W. H. Grant, H. H. Hamilton, S. McCutcheon), equal. R. E. Chambers, Wm. A. Mason, J. McKenzie, A. Rogers, J. C. Sutherland.

FIRST YEAR.—Class 1.—J. L. George, Robert H. Humphrey, Class 2.—W. Miller, J. H. Cameron, G. W. Munro, J. Stewart, Passed—E. L. Newsome, J. H. Law, S. J. McKnight, J. A. Cairns, H. Chambers, A. Whitman, E. D. Ross, E. C. Miller, W. T. Kennedy, F. Smith, Ch. Mitchell.

NATURAL PHILOSOPHY.

FOURTH YEAR.—Class 1.—Louis H. Jordan, Class 2.—James Fitzpatrick.

THIRD YEAR.—Class 1.—John W. McLeod, James M. Stewart, Class 2.—Burgess McKittrick, George L. Cameron, William A. Mills, G. E. Fulton, Pittlado, William Brownrigg, James A. McLean, John Munro, Joseph S. Merica, Passed in Experimental Physics, Francis H. Bell, James N. Shannon.

MATHEMATICS.

FIRST YEAR.—Class 1.—John H. Cameron, Class 2.—Eduardie C. Macrae, John E. E. Law, Robert D. Ross, Howard Chambers, Alfred Wittman, Robert H. Humphrey, Passed—William T. Kennedy, Edmund L. Newsome, John S. Cairns, John Stewart, Ralph M. Hunt, William Miller, John E. Fitzpatrick, William T. Montgomery, John L. George, George W. Munro, Charles H. Mitchell, S. John McKnight.

SECOND YEAR.—Class 1.—James McLean, Hewand H. Hamilton, John Waddell, John M. Scott, Class 2.—None—Passed—George A. Laird, Archibald A. McKenna, Robert E. Chambers, Freck, W. Archibald, Harry McCall, Stanley McCurdy, John H. Sinclair, Isaac L. Archibald, Anderson Rogers, James C. Sutherland, William R. Grant, John S. Murray, Colin Pittlado, William A. Mason.

METAPHYSICS AND ESTHETICS.

THIRD YEAR.—Class 1.—J. McG. Stewart, W. A. Mills, F. H. Bell. Class 2.—J. W. McLeod, R. McKittrick. Passed.—J. A. McLean, J. N. Shannon, W. H. Brownrigg, John Munro.

LOGIC AND PSYCHOLOGY.

SECOND YEAR.—Class 1.—J. McLean, J. H. Sinclair. Class 2.—A. A. McKenzie, F. W. Archibald, L. I. Archibald, J. Weddell, H. H. Hamilton, J. McI. Scott. Passed.—G. A. Laird, Colin Pittendr. Stanley McCurdy, R. E. Chambers, H. McCully, A. Rogers, J. S. Murray, J. C. Sutherland, Wm. A. Mason.

ETHICS AND POLITICAL ECONOMY.

FOURTH YEAR.—Class 1.—Alexander McLeod, James Fitzpatrick, Louis H. Jordan, Hector M. Stromberg, George MacMillan. Class 2.—Andrew Gray.

CHEMISTRY (SENIOR).

THIRD YEAR.—Class 1.—George Lawson Geddes, G. H. Fulton. Passed.—J. S. Morton.

CHEMISTRY (JUNIOR).

SECOND YEAR.—Class 1.—James McLean, John Weddell, J. H. Sinclair, Wm. M. Fraser. Class 2.—H. McCully, H. H. Hamilton, J. McI. Scott. Passed.—L. I. Archibald, R. E. Chambers, J. C. Petherland, George A. Laird, W. R. Grant, Anderson Rogers, William A. Mason, J. S. Murray, F. W. Archibald, James McKenzie, A. A. McKenzie.

HISTORY.

FOURTH YEAR.—Class 1.—L. H. Jordan, G. MacMillan. Class 2.—H. M. Stromberg, A. W. McLeod, James Fitzpatrick.

CONSTITUTIONAL HISTORY.

L. H. Jordan, H. M. Stromberg, A. W. McLeod, Geo. MacMillan.

RHETORIC.

FIRST YEAR.—Class 1.—John H. Cameron, John Stewart, W. T. Kennedy. Class 2.—Robert D. Ross, E. H. Humphrey, Geo. W. Munro, Wm. M. Fraser, Wm. Miller, John A. Cairns, Rhod C. McLean. Passed.—(arranged alphabetically)—H. Chambers, J. E. Cooper, Ralph M. Head, J. E. Law, S. J. Macknight, C. H. Mitchell, W. T. Montgomery, E. L. Neveom, W. P. Scott, F. G. Smith, Alfred Whitman.

MODERN LANGUAGES.

FRENCH.

FOURTH YEAR.—Class 1.—L. H. Jordan, Geo. MacMillan. Class 2.—A. H. McLeod. Passed.—James Fitzpatrick, John T. Ross, H. M. Stromberg. THIRD YEAR.—Class 1.—George McKittrick, James M. Stewart, Francis H. Bell, John W. McLeod. Class 2.—James N. Shannon. Passed.—W. A. Mills, Alex. McLean, John Munro, James A. McLean, Joseph S. Morton, W. H. Brownrigg, George Fulton.

GERMAN.

THIRD YEAR.—Class 1.—François H. Bell. Class 2.—George L. Gordon.

Graduates and Undergraduates of the University,
and General Students in Arts.

GRADUATES.

MASTERS OF ARTS.

1869.

Cline, Joseph Henry Corwallis.

1870.

McNaughton, Samuel Gaspereau.
MacDonald, John H. Kentville.

1871.

Cameron, J. J. Georges Island.
Carr, Arthur P. St. Elzéar's, P. E. Island.
Smith, David H. Truro.

1872.

Annand, Joseph Pictou.
Bayne, Herbert A. Pictou.
Ferrot, James Halifax.
McKenzie, John J. Pictou.

1874.

McGregor, James G. Halifax.

1875.

McKenzie, Hugh Eastown.
Scott, Ephraim Douglas Guru.

DOCTORS OF MEDICINE AND MASTERS OF SURGERY.

1873.

De Wolfe, George H. H. Dartmouth, N. S.
Hiltz, Charles W. Bridgewater, Annapolis
MacMillan, Fihaly Pictou Co.
McRae, William Richmond, C. B.
Sutherland, Eoderic River John, Pictou.

1874.

Campbell, Don A. Truro.
Chisholm, Donald Longpoint.
Moore, Edmund Lessardberry.

1875.

Cox, Robert
Bethune, J. L.
Lindsay, A. W. H. Halifax.
Muir, W. S.
Casimir, Robert Arichat.

BACHELORS OF ARTS.

1866

| | |
|-----------------|---------------------------|
| Chase, J. Harry | Cornwallis. |
| Shaw, Robert | New Fethl., P. E. Island. |

1867

| | |
|--------------------|---------------------------|
| Burgess, John C. | Cornwallis. |
| Carbone, J. J. | Gordonside, P. E. Island. |
| Lippincott, Achsah | New Glasgow. |
| McDonald, John H. | Cornwallis. |
| McNaughton, Samuel | East River, Pictou. |
| Ross, Alexander | Roger's Hill, Pictou. |
| McGraw, Robert | Middle Muske, Colchester. |
| Smith, David H. | Pictou. |
| Smith, Edwin | Pictou. |

1868

| | |
|-----------------------|-----------------------------|
| Carr, Arthur T. | St. Edward's, P. E. Island. |
| Clarke, Thomas M. | Taymouth. |
| Crichton, James G. A. | Halifax. |
| Forrester, James | Halifax. |
| McKee, Kenneth | Hardwood Hill, Pictou. |
| Simpson, Isac | Argyroside, Pictou. |

1869

| | |
|---------------------|-------------------------|
| Akland, Joseph | Gaspé River, Bataille. |
| Bevins, Herbert A. | Pictou. |
| Miller, Elmer D. | Roger's Hill, Pictou. |
| McKenzie, John J. | Green Hill, Antigonish. |
| Sutherland, John M. | West River. |

1870

| | |
|-----------------------|---------------|
| Lindsay, Andrew W. H. | Hallifax. |
| Scott, Hugh M. | Shortstock. |
| Theobald, Walter M. | Berwick. |
| Willcox, John | Shubenacadie. |

1871

| | |
|--------------------|-----------|
| Borne, Ernest S. | Pictou. |
| McGregor, James G. | Hallifax. |
| MacNeil, Alex. G. | Tralee. |

1872

| | |
|---------------------|----------------------------|
| Archibald, Wm. F. | Hallifax. |
| Conrad, Wm. L. | Middle Muske, Colchester. |
| Creditbrook, Wm. | New Glasgow. |
| Fraser, Duncan C. | Long Island, Middle Muske. |
| Gunn, Adam | New Glasgow. |
| McKenzie, Hugh | East River, St. Mary's. |
| Peck, Alex. W. | Bairdton. |
| Scott, Ephraim | French River, Pictou. |
| Tremaine, Arthur L. | Douglas Gen. |
| | Point Belles, N. B. |

1873

| | |
|---------------------|---------------------|
| Allen, John M. | Newfoundland. |
| Bryden, Chas. W. | Tatamagouche. |
| Conrad, Wm. L. | Shubenacadie River. |
| Crichton, J. F. | Colchester. |
| Duff, Kenneth | Lonsdale. |
| Hinett, John | New Glasgow. |
| Lorne, Metville | Hallifax. |
| McDonald, Chas. U. | Pictou. |
| McKay, Alex. H. | Dalhousie, Pictou. |
| McKinnon, James A. | Tatamagouche. |
| Robinson, J. Miller | Belle Isle, N. B. |
| Ross, Wm. | East River, Pictou. |

1874.

| | |
|---------------------|----------------------|
| David, Walter S. | Halifax. |
| McNeil, D. Miller | Pictou. |
| Henderson, James C. | Pictou. |
| Henderson, Wm. G. | Pictou. |
| McGregor, Donald | Inverness, C. B. |
| McLeod, Donald | Sun Island, P. E. I. |
| Oakey, James McD. | Halifax. |

1875.

| | |
|-----------------------|-----------------------|
| Patrick, James | Roger's Hill, Pictou. |
| Jordan, Louis H. | Halifax. |
| MacLeod, Alex. | Oriskoy, Colchester. |
| McMillan, George | South Hill, Pictou. |
| Strangberg, Hector M. | Cape John, Pictou. |

UNDERGRADUATES, 1874-5.

FOURTH YEAR.

| | |
|-----------------------|-----------------------|
| Blanchard, James | Roger's Hill, Pictou. |
| Jordan, Louis H. | Halifax. |
| MacLeod, Alex. | Oriskoy, Colchester. |
| McMillan, George | South Hill, Pictou. |
| Strangberg, Hector M. | Cape John, Pictou. |

THIRD YEAR.

| | |
|---------------------|-------------------------|
| Bell, French H. | Hallifax. |
| Brown, Wm. H. | Pictou. |
| Palma, George | Hass River, Colchester. |
| McKitterick, George | Cornwallis. |
| McLean, Alex. | Belle Isle, P. E. I. |
| McLean, James A. | Pictou. |
| McLeod, John W. | N. River, Colchester. |
| Mills, W. A. | Bay Fortune, P. E. I. |
| Mirrie, Joseph S. | New Glasgow. |
| Morris, John | Valleyfield, P. E. I. |
| Shannon, James K. | Hallifax. |
| Stewart, James M. | Wyldecombe. |

SECOND YEAR.

| | |
|---------------------|------------------------|
| Archibald, Fred. W. | Fries. |
| Archibald, Is. L. | Fries. |
| Chambers, Robert B. | Fries. |
| Grant, W. L. | Argyleville, Pictou. |
| Hamilton, Howard H. | Fries. |
| Laird, George | Cornwallis. |
| MacLean, Wm. A. | East River. |
| McCurdy, Harry | Amherst. |
| McCurdy, Stanley T. | New Glasgow. |
| McKee, Arch. A. | Green Grove, Pictou. |
| McKee, James | Green Hill, Pictou. |
| McKinnon, James | New London, P. E. I. |
| Milner, John S. | Cornwallis, P. E. I. |
| McRae, Colin | Fries. |
| Scott, John McD. | Hants. |
| Sinclair, John H. | Bedford, Gaspéborough. |
| Staples, Andrew | Hager's Hill. |
| Sutherland, J. C. | Fries. |
| Waite, John | Shore Harbor. |

FIRST YEAR.

| | |
|---------------------|---------------------------|
| Caine, John A. | Upper Freetown, P. E. I. |
| Caron, J. H. | Soul's River, Antigonish. |
| Chambers, John W. | Woolverton. |
| Dill, George | Woolverton. |
| George, John L. | Pictou. |
| Humphrey, Ross H. | Halifax. |
| Kennedy, Wm. T. | East River, Pictou. |
| Lav, John B. | Kingsport, N. B. |
| Melanson, Hugo | Scotsdale, Pictou. |
| Meles, Robert C. | Belford, P. E. I. |
| McKnight, Samuel J. | Dartmouth. |
| Miller, Wm. | Sackville. |
| Mitchell, Charles | Halifax. |
| Montgomery, W. T. | Halifax. |
| Moore, George W. | New York. |
| Neville, Elzmund L. | Cornwallis. |
| Scott, Wm. P. | Lunenburg. |
| Smith, Fred G. | Tiverton. |
| Stearns, James W. | Halifax. |
| Stewart, John | Scotsdale, Pictou. |
| Eve, Robert D. | East River, Pictou. |
| Whitman, Alfred | Annapolis. |

GENERAL STUDENTS.

NAME.

RESIDENCE.

CLASSES ATTENDED.

| | | |
|------------------------|----------------------------|------------------------------|
| Green, George O.P. | New Glasgow. | Latin, Math., Chemistry. |
| Chisholm, Marisch | Loch Lomond. | Classics, Math., Metaph. |
| Chisholm, Wm. F. | Lower Oxelam. | Classics, Math., Rhetoric. |
| Corbett, Thomas | Grey's River. | Class, Math., Log., Chem. |
| Todd, Walter S., B.A. | Halifax. | Rhetoric, French. |
| Fielkow, George H. | Noel's Farm. | |
| Fitzpatrick, John E. | Edge's Hill, Pictou. | Classics, Math., Rhetoric. |
| Forbes, James A. | Bethune, Pictou. | Class, Math., Log., Chem. |
| Fraser, Wm. M. | Bethune. | Rhetoric, Observatory. |
| Fraser, Wm. R. | Mount Thom, Pictou. | Classics, Math., Rhetoric. |
| Girap, Andrew | Salt Spring, Pictou. | Classics, Metaph., Ethics. |
| Grant, John | East River, Pictou. | Class, Math., Log., Chem. |
| Gronlund, George L. | Gloucestershire, G. B. | Latin, N. Phil., Met., Chem. |
| Gooday, Arthur W. | Halifax. | Mathematics, Botany. |
| Hunt, Caleb M. | Dartmouth. | Classics, Math., Rhetoric. |
| Johansen, William | East River, Colchester. | Latin, Math., Rhetoric. |
| Mahon, Alon W. | Quade. | |
| McGranger, Murdoch | Lake Ainslie, G. B. | Greek, History, Logic. |
| McKenzie, Duncan | Loch Lomond. | Classics, Math., Metaph. |
| McKenzies, Danie Blair | Barrue's River, Pictou. | Rhetoric. |
| McLean, Ebso. | East River, Pictou. | Class, Maths., Log., Chem. |
| McMillan, Angus | St. Ann's, C. B. | Classics, Math., Rhetoric. |
| McMillan, Alex. H. | Lake Ainslie, G. B. | Latin, Math., Rhetoric. |
| Mosley, Fred. | Dartmouth. | Rhetoric. |
| Mosley, Wm. E. | Kentville. | Latin, Ethics. |
| Ogden, John M., B.A. | Eldon, Colchester. | Rhetoric, French. |
| Ross, John T. | Belfort, P. E. I. | French. |
| Smith, John | Cornwallis. | Class, Math., Log., Chem. |
| Thompson, Edward | Windsor. | Mathematics, Rhetoric. |
| Underwood, James | | Classics, Math., Rhetoric. |
| Whitman, Wm. S. | Upper Kawtar, Nova Scotia. | Classics, Math., Logic. |

| | | |
|------------------------------------|-------|-----|
| Undergraduates in Arts | ..... | 68 |
| General Students in Arts | ..... | 29 |
| Graduates continuing their Studies | ..... | 2 |
| Total in Arts | ..... | 99 |
| Students in Medicine | ..... | 36 |
| Total number attending Classes | ..... | 134 |

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

WEDNESDAY, APRIL 14.

LATIN.—FIRST YEAR.

CICERO: THIRD ORATION AGAINST CATILINE.
VIRGIL: AENEID, BOOK XII.

PROFESSOR JOHNSTON, M. A. Examiner.

1. Translate :

a. Nam, ut illa emilitum, vixis nocturno tempore ab occidente foce adorescopae celli, et fulminis jacta, ut sorte metas ceteraque, que sum multa, nobis consulit, facta sunt, ut hinc, quae nunc sunt, casare dii immortales videantur; hoc certe, Quirites, quod non Bellus, nego praesentia nostra, neque relinquendum est. Nam profecto memoria tendit, Cotta et Torquatus consultibus, eorumplures in Capitio rebus de cedo esse per causam: quae et similares deorum immortalia deponunt sunt, et statim veterum hominum defecit, et legum area luctuosa, turris est etiam illa, qui hanc urbem condidit, Romulus; quem inauratum in Capitio parvum regis levem, uberiori lapide subiecta, fuisse meministis. Quo exinde tempore quae laurentiae ex tua Strutria convenienter, cedes auge incendiis et legum interictum et belum civile ac domesticum et totis Urbis atque imperii orientis approprionisque dilacerat, nisi eis immortales, omni saevo pessimi, quo nimis prope fata ipsa flexerint. Inquit illorum responsum raro et iudi dicens per dies facti sunt neque res illa, quae ad placandas deas pertineret, praeveniret, illudemque Jovem, similacrum Iovis facie moxa et in cassio colligere et contra anapsas ferat, ad orationem convertere: ut se sperare discurrit, & illud signum, quod videtis, solis ortum et forum curiamque conseruat, fore, ut et consilia, que clam essent in ea contra salutem Urbis atque imperii, fluctuaruntur, ut et sessato populo Romano perspicit possat. Atque illud ex collendum consules illi locaverunt. Sed tanta fuit opéra tardiva, ut nox a superioribus consilibus, neque a nobis ante bolherum diem collocaretur.

b. Tertius ad hoc:

"O soror, ei dulcem agnivo, quoniam prima per artem
Fusura turdatis, neque hinc in bolla dedisti;
Et nam nequicquidem talis es: sed quis Olympo
Desosias amans velut in fere latibra?
An fratris miseri letem et crudelis videris?
Nam quid ego? ut aut jam spondet Fermina existim?—
Vidi oculos ante ipsos mores, ne vocem vocem,
Murrinum, quo non superat mili carior alter,
Opere strigentem, atque irgenti vulnus victimam.
Occidit infelix, ut nostrum defecus Ufum
Aspergit: Tesser poliantar corpore et armis.

Exscindere domos (id reluis debuit maxm)
Perpetrari? dicti nec Drausis dicta refellam?
Terga dabo, et Turnas sagittas have temere videlicet?
Usque nectens meri miseram est? ros, O mili Mires
Estis huius? quoniam Superba aveva voluntas;
Sancta ad vos anima, atque ita inca culpa;
Descendit, magistrorum hand anguum ind gressus aversus."

2. Show how the clauses of the sentence "ae se sperare . . ." (1 a) are connected and name each.

3. Give the rules for the cases of: "moxis," "notis consilibis," "quem posuerunt," "notios," — "Olympo," "quis," "corpo," "opus," "avorem."

4. Decline the following words, marking the quantities of increments: *endo*, *sicis*, *compluses*, *sego*, *tribibus*, *virum*.

5. What forms in the other degrees of comparison correspond to: *praelatus*, *magis*, *facilius*, *acerrim*, *extrem*, *pior*, *furiosissim*.

6. Name the parts of the verb so which these forms belong, mark quantities, and give principal parts:

- cie*, *impetrare*, *metire*, *locarim*, *stridens*, *sperto*, *flihi*, *vicere*, *incubuit*, *hicere*.

7. Scan the last three lines giving rules for final syllables.

8. What verbs govern the genitive? What verbs are followed by two accusatives? How are relations of place expressed?

9. Write a short sketch of Cicero's life.

10. Translate into Latin: "Visitors conquered that country for himself, not for his native land.—Attila, King of Asia, gave his kingdom to the Romans as a gift.—I hope that you will come to me in a few days, and bring with you the books for which I asked you.—He says that he sold the horse for very little.—L Sextius was made Consul in the three hundred and eighty-eighth year after the foundation of Rome.

Additional for First and Second Class.

CICERO: FOURTH ORATION AGAINST CATILINE.

1. Translate chap. 5.

2. What nouns of the fourth declension are feminine? What words form the classis (1) in *i*, (2) in *o* or *e*. Give exceptions to rules.

3. Some adjectives do not admit of comparison; some are compared by means of adverbs. Give them.

4. Write in Latin: *i*, — *ī*, — *ī*, — 18,399.

5. Distinguish: *ēstā*, *ēstāt*, *ēstāt*, *rīstāt*, *—mīhi*, *ocēstāt*, *—ōtāt*, *mānūtāt*, *mānūtāt*, *—sīlo*, *sīlo*. *Consulere me*, *mīhi*, —*tempore aliqdū*, *alce res*, —*dīgētē patrīm*, *patrī*.

6. What are the forms used in prose for the following:

- a. *No me laetimis* . . . *prosequim*.
b. *(Septimum) patribus deo gestare Latinis*.
c. *Jumenta mīcro*, *fatōr*, *sucessere frātrū*, *Sasī*.
d. *Hic calom*, *Aenea Terram*, *Mare*, *Sidera juro*.
e. *Præterea regina tuī fidissima*.

DALHOUSIE COLLEGE AND UNIVERSITY.

HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

TUESDAY, AUGUST 12TH.

GREEK.

FIRST YEAR.

LUCIAN—SELECT DIALOGUES, 10—19.

Professor Johnson. *Examiner*

1. Translate:

- (a) ΦΙΔ. Σε δὲ, ὁ Μιντρός, αὐτὸς ἀποσκεψάται; ΜΕΝ. Μέτι, εἰ τετέλεσται τὸ πάθος, καὶ τὸν θεατήν, ἀπολέσεις αποφέρει. "Ἄλλα μετέβηδεν, οὐ φρεγάνει, λαύρη τινα μετὰ γῆς βασίσαται;" ΕΠΙΦ. Ταῦτα ὁ Μιντρός, ταῦτα δέ τοι γέρεσιν. ἀλλ' οὐ μόνο, οὐ τούτοις επιδιδούσας ἀποτελεῖ γέρεαν τούτην τὴν Αργείων θεάν, αὐτή τοι γεννᾷ αυτοὺς μόνον τούτους γεράσαν, μα τοι μάλιστα νεαρούς δέρει, λαγών ταύτας ἐν τούτῳ μεταβολέας οὐδελλογεῖ τοῖς λίθοις". Μέτι δὲ διδάσκεται τὸν βραχίονα τὸν Λούκαν επενδύειν λόγην δημιουρίαν ήτο. Ερέπειν τούτο, αὐτὸν τῷ δικῷ γε, οὐδὲν ποτέ μεταβαλλεῖται τὸν γεννῶν τὸν γεννῶντα τὸν τούτον. Επιδιδούσας δέ τοι γέρεας, οὐδὲν ποτέ μεταβαλλεῖται τὸν γεννῶντα τὸν γεννῶντα τὸν τούτον.

- (3) ΑΛΕΞ. "ΑΧ" οι Σαΐδες γε, εί μάτη, και οι Τσούκαρες σαν επαναφέρουν τα όρην· και μεν ως διασημοί ανθρ., κατ' εργασίαν
λαζαρίτης, της πλατ., έργονται αύτια· ούτι έβλαψαν πάντα, η πονηρότερης
διατύπωσης, η λεπτής θεραπεία της μη να γίνεται·" ειδής Ελλήνας ή, τούτη
μεταφράζεται· Εργάσια μεταξύ αυτών δεν παρέλασε. ΦΙΛ.
Ούτι πολλά πάτα· Ελάτε για απόγευμα μας, ίσως να τη διαρκεί λαϊκός
μεταγενέστερης παραδοσίας φέσσων, όπως με την τούρα των οικιακών έπιδημιών·
Σε ό,τι της Μακεδονίας χρειάζεται απόλυτη, αλλοι, η μαρτ., η καρδιά,
την πίστην μηδέ τέλος, και προσωπικότητα ήταν Μακεδόνας, την Επειρωτική
διάστιχη ήταν· αλλ., το πάντα γέμιστος, ιμπριά τη γηνεραγόμενη· "Κατά¹
την πλευρά τους ήταν οι Μακεδόνες παπαδικούς ήπιρη,
οι μόνοι ταυτότητας μαθαίνονται, και Μακεδονία ιδεατάτων·"

3. Give the forms in the other degrees of comparison corresponding to *moreover*, *neither*, *either*, *most*, *fewer*, *farther*.

4. Write the nom. and acc. sing., and nom. and gen. pl. of:-
rain, sun, fire, water.

5. Augment the following verbs:—λέπτω, αἱρέμ, εὐχαρακ, οἰστίζω,
δούει, λογίζομαι, παιδίζω, σπαστόμαι.

6. Write down the 3rd sing. perf. imperative pass. of:—*expōe*, *exīsce*, *dēcīsce*, *sōlē*, *zōlē*, *zōlē*, *dīrō*, *dēcīlō*, *dōlō*, *dēlō*.

7. Show in a tabular form all the moods of the peculiar tenses in the active voice of *dīkṣā*, *īśā*.

8. Parse, giving principal parts:—ἀποδέκανος, δίδεστη, γελάσαι,
διεργάτη, ἔποιχρατος, πεποίθει, ἀπόθετη, ἄριστη, παπαρύγανος, γαρον.

9. Give some account of the circumstances or persons mentioned in the following extracts:—(a) οὐ ποτὲ εἰς γραπτὸν τὴν Ελλάδαν αὐτοῖς ἀνέγειρεν. —(b) εἰσὶ τὰ τελεῖσθαι τῶν Δωρικῶν κατόπιν περίθεμα. —(c) ἵδη τὸ Τερψιχόριον ὁ γένειος ήταν. —(d) οἱ δὲ θεοὶ δύοτες μοιζαίτες.

ADDITIONAL FOR FIRST AND SECOND CLASS.

第1章 安全与道德问题 1

1. Translate secs. 17, 18, 19. Edit. Behk.
 2. Explain the Syntax of the following clauses:—(a) *α πρός εἰδη*
επικρίνει τούτην την θεωρίαν. (b) *πρόποδες την αγάπην την ομοιότηταν.*
 3. Decline *σπέλαιον, ιαπείρη, γυνή, γούνα.*

4. Indicate 1978 (1) by letters, (2) by words.

5. What verbs in -ει form the future in -εντ-? Give two examples of (1) Attic reduplication, (2) Attic pres. sp., (3) Synoepetal perf. infn. etc.

6. Name the tense, mood and voice of these verbal forms, and give their principal parts:—παρεστάτης, ἀνέλαστο, διεῖχεται, δίδουσι, εἰσέλθετε, προσευθήσεται, διεψύσται, οἴσται, συνέδεσθαι, διεπαρθεῖται.

7. Compare the personal terminations in the sing. number of the pres. and imperf. indic. act. of the 2nd conjugation in Greek with those in Latin, so as to shew their original identity.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

MONDAY, JUNE 19, 9 A.M. TO 1 P.M.

MATHEMATICS—FIRST YEAR.

OMNIBUS.

PROFESSOR MACDONALD.....*Examiner.*

1. At a given point in a given straight line, to make an angle equal to a given rectilineal angle.
2. If a straight line be bisected and produced to any point, the rectangle contained by the whole line thus produced and the part produced, together with the square of half the line bisected, is equal to the square of the line made up of the half and the part produced. (By the division of the straight line only, if you can.)
3. $\triangle BCD$ is a triangle, obtuse-angled at C , and $B F$ is drawn perpendicular to DC produced : prove $B D^2 = B C^2 + C D^2 + 2 \cdot D C \cdot C F$.
4. One circle cannot touch another internally in more than one point.
5. The angles in the same segment of a circle are equal to one another.
6. In equal circles, equal chords cut off equal arcs, the greater equal to the greater, and the less equal to the less.
7. Upon a given straight line to describe a segment of a circle which shall contain an angle equal to a given rectilineal angle.
8. If two chords in a circle meet one another, the rectangle contained by the segments of the one is equal to that contained by the segments of the other. Prove this for the case where one of the chords passes through the centre, cutting the other obliquely.
9. In a given circle, inscribe a triangle equiangular to a given triangle.
10. Enumerate the regular polygons, up to those of 60 sides, which Euclid's Fourth Book enables you to describe in or about a given circle.
11. Generalise some of the Propositions of the Second Book of Euclid in the same way as you would the 7th and 8th of the Third Book.
12. Through a given point draw a straight line, making equal angles with two given straight lines.
13. If straight lines be drawn from the angles of a triangle to the middle points of the opposite sides, the sum of the squares of the sides: the sum of the squares of these lines $1: 4: 5$.
14. The radius of the circle inscribed in an equilateral triangle is equal to one-third of the perpendicular drawn from any angle to the opposite side.
15. Describe a circle of given radius, passing through a given point and touching a given line.

THE UNIVERSITY OF DALHOUSIE
HALIFAX

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

THE MONTGOMERY PROGRAMME

A MONTHLY PUBLICATION

MONTGOMERY

MONTGOMERY

SESSIONAL EXAMINATIONS, 1875.

MONDAY, APRIL 18, 2 P. M. TO 6 P. M.

MATHEMATICS—FIRST YEAR.

ALGEBRA.

PROFESSOR MACDONALD.....*Examiner.*

1. Reduce to Decimals the fractions $\frac{1}{4}$, $\frac{2}{3}$, $\frac{5}{8}$, showing by your method the reason of the common Ratio for the purpose. State the comparative advantages of Vulgar and of Decimal Fractions in numerical calculations.

2. Show that the value of a Bill discounted at the Bank is less than the true value calculated on the strict method of Interest.

3. Find the least common multiple of $x - y$, $x + y$, $x^2 + y^2$, $x^2 - y^2$; and the greatest common measure of $6x^2 + 11x^2 - 31x + 14$, and $4x^2 - 47x^2 + 7x$.

4. Show that $\frac{x^2}{a - \sqrt{a^2 - b^2}} = \frac{x^2}{a + \sqrt{a^2 - b^2}} = 2\sqrt{a^2 - x^2}$; and divide $1 - \frac{2ab}{a^2 + b^2}$ by $\frac{a^2 - b^2}{a - b} = 3ab$.

5. Extract the square root of $10\frac{1}{2} - 2\sqrt{5}$, and expand $\left(1 - \frac{x}{2}\right)^n$ by the Binomial Theorem.

6. Solve the simultaneous equations, $3x - 2y = 6$, $3y - 2z = -2$, and $3z - 2x = -2$.

7. Given $x^2 + px + q = 0$: prove the sum of the roots = $-p$, and their product = q ; and solve, by inspection, $x^2 + 5x + 6 = 0$, $x^2 - 5x + 6 = 0$, and $x^2 + 5x - 6 = 0$.

8. Given $x + y = 7$ and $x^2 + y^2 = 64$: to find the real values of x and y .

9. Solve by completing the square $2x^2 = 5x + 6$.

10. A cistern can be filled with water by two pipes, by the one of which it would be filled two hours sooner than by the other; also both together fill it in $1\frac{1}{2}$ hours. Find the time each pipe takes to fill the cistern.

11. The third term of an Arithmetical Progression is 4, and the eighth is 6: find the series.

12. Show that when r is less than 1, the limit of the sum of a Geometrical series is $\frac{a}{1-r}$; and apply the formula to find the value of the circulating decimal which is equal to $\frac{2}{3}$.

13. If $a : b :: c : d$, prove $\frac{m a + n b}{p a + q b} = \frac{m c + n d}{p c + q d}$

14. Find the sum of $2n + 1$ terms of the series, $1 - 3 + 5 - 7 + 8$, &c.

15. Prove $(a + b)(b + c)(c + a) > 8abc$.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS. 1872.

WEDNESDAY, JUNE 28TH,

ANGLO-SAXON—FIRST YEAR

PROFESSOR DEMILL, M.A. Examiner.

1. Translate:

Ongan the Augustane mid his munnum to gesetwigeorne thines apostole lf, mid siagulan gebedum, and wanwan, and fæstesum God: theowigende, and lies wort thanm the hi milnos bædigende, ealle middas sandlæs thing, swa swa æfremde, forhigende, tha thing ana the hi is bigleofas behofdes, be thanm the hi tacmon sefe lybende, and for thaue soldrestresse the hi bædæm, parowne wenens chimesse to bædigende, and dene swulan, gif hi ðearfum. Hwaet tha gylfian ferfel manige, and on Godes namas gefallos warden, wundregeone thearo bilswitesse hoom unseachhigas lîfs, and swetnesse been heafdenian lase.

2. Parse—Ongan, gesetwigeorne, wanwan, undisfronde, tecmon, thines.

3. Write out the cases of the adjective—blid.

4. Define, and illustrate from words in the above passage—ablaut, asfiliation, syncope.

5. Give the modern forms of as many of the above words as possible, and explain the nature of the euphemism changes that may have taken place.

6. Write out the parts of any one of the following verbs:—mean, murian, cuman, scalan.

7. Translate:

On hweal hreopen here fagoas
hilde grædige; knæden gd
dowrig fædere æfer deof-torom,
won wæl-cengas. Wælfas swagon
atol æfter-leod aries on wenan,
earlæsan doer, cweyl-eft beodan
on hætra last leod-mægnes fy.

hreopen meare-wærðans nildum nihom.
Ætel fæge gaast, fæwoas geflæged.
Hwylum of than wænde whiwe ihregnas
means rið-petas meara begum.

8. Explain the verbialiter.

9. Parse—Hreopen, wæl cengas, surgon, beoðan, meato, hogen.

10. Give examples from words in the above passage of apliances, apocope, elision.

11. Explain the construction of hilde, doer, hætra, feah.

12. State the chief differences between Anglo-Saxon and Modern English in inflection and composition.

THE UNIVERSITY OF DALHOUSIE
HALIFAX.

THE STANDARDAZED EXAMINATIONS

FOR THE STUDENTS

AT THE UNIVERSITY

ANNUAL EXAMINATIONS.

Each examination or section of the professorate will consist of 10 questions for answer, including groups like the following:—
1. Define the principal modes of art used in architecture; and describe the principal materials used in building, and the methods of construction adopted in various classes of buildings, such as Gothic, Romanesque, &c., &c.
2. Define the principal modes of ornamentation used in architecture; and describe the principal classes of ornaments, such as foliage, scroll-work, &c., &c.
3. Define the principal modes of decoration used in furniture; and describe the principal classes of furniture, such as Gothic, Renaissance, &c., &c.

4. Define the principal modes of ornamentation used in painting; and describe the principal classes of painting, such as Gothic, Renaissance, &c., &c.
5. Define the principal modes of ornamentation used in sculpture; and describe the principal classes of sculpture, such as Gothic, Renaissance, &c., &c.

6. Define the principal modes of ornamentation used in metal-work; and describe the principal classes of metal-work, such as Gothic, Renaissance, &c., &c.

7. Define the principal modes of ornamentation used in pottery; and describe the principal classes of pottery, such as Gothic, Renaissance, &c., &c.

8. Define the principal modes of ornamentation used in glass; and describe the principal classes of glass, such as Gothic, Renaissance, &c., &c.

9. Define the principal modes of ornamentation used in wood; and describe the principal classes of wood, such as Gothic, Renaissance, &c., &c.

10. Define the principal modes of ornamentation used in stone; and describe the principal classes of stone, such as Gothic, Renaissance, &c., &c.

11. Define the principal modes of ornamentation used in fabrics; and describe the principal classes of fabrics, such as Gothic, Renaissance, &c., &c.

12. Define the principal modes of ornamentation used in leather; and describe the principal classes of leather, such as Gothic, Renaissance, &c., &c.

DALHOUSIE COLLEGE AND UNIVERSITY,

HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

WEDNESDAY, APRIL 21.

REHBERG'S.

PROFESSOR DEMILI, M. A. Examiner.

(Not more than one question is to be answered out of each group.)

1. Explain the ancient and modern views of Ehetiorie. What are the ends of composition? Explain the nature of style.
2. The relations of Iteion and Grammer to one another. Define and illustrate Prosthetic. Explain the following terms, Consciousness, Diffuseness, Digestion.
3. Under what circumstances is Rhetoric associated with the Fine Arts. Define and illustrate Euphony, Elegance. Explain rhythm in prose composition.
4. Show the importance of Antithesis in style and literature. The "quid" and "quale" in epithets. Hyperbole.
5. What are Figures of speech? Define and illustrate Tropes. Explain "Illustrative Style," "Euphrasmatic Style."
6. Explain Aristotle's three divisions of oratory. There are two kinds of invention. The Enthymeme.
7. Explain and illustrate the Schem. Explain classification in composition. Write out an analysis of a portion of any work, e. g., Bacon's "Advancement of Learning," Book 2.
8. Define Taxis and enumerate its chief modes. Explain the differences between the Static and Dramatic Taxis. Give Quintillian's summary of things to be observed in the exercitium.
9. There are two leading theories as to the nature of the Beautiful. Define and illustrate Wit and Humor. Explain Punicomimica.
10. Criticise the following passage.—
"The Method discernible in Voltaire, and this on all subjects whatever, is a purely business Method. The order that arises from it is not Beauty, nor at best, Regularity. His objects do not lie round him in pictorial, not always in scientific grouping; but rather in commonhose rows, where each may be seen and come at, like goods in a well-kept ware-house. We might say there is not deep natural symmetry of a forest oak, but the simple artificial symmetry of a parlor chandelier. Compare, for example, the plan of the *Hector*, to that of one so barbarous *Hades*. The plan of the former is a geometrical diagram by Fornat; that of the latter a cartoon by Raphael. The *Hector*, as we see it completed, is a polished, square-hall'd Tabernacle; *Hades* is a mysterious, star-paved Vauhall, and dwelling of the gods.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

THE DEPARTMENT OF LITERATURE

29 MARCH, 1875.

CLASSICAL

QUESTION PAPER IN CLASSICAL LANGUAGE.

Express how the following words are derived, and what their

meanings were: *aberrant*, *aberration*, *aberrant*, *aberrant*.

What is the meaning of *aberrant*? What is the meaning of *aberration*?

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SESSIONAL EXAMINATIONS, 1875.

WEDNESDAY, APRIL 21.

ENGLISH LANGUAGE.

PROFESSOR DEMILLE, M. A. Examiner.

(Not more than six questions are to be answered.)

- Give a general classification of languages so as to show the ethnological position of the English.
- Explain Grimm's Law.
- Mention the languages which have most affected English and show how this has taken place.
- Show the increasing importance of the Anglo-Saxon element in the English language.
- Explain the former uses of the following words—winter, pecuniary, chattels, era, men, flesh, bête, soldier, mystery.
- Show the conservative influence of the English Bible, of Shakespeare, and of Milton.
- What is the nature of the English noun as etymological material?
- Derivative languages have a tendency to return to their radical forms.
- Show the effects of conquest in corrupting a language.
- The art of printing has been an agent in extirpating local peculiarities of dialect and pronunciation.
- Enumerate the chief orthographical changes that have taken place in the English language.
- Illustrate the disappearance of words indicative of slight distinctions.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS. 1873.

WEDNESDAY, APRIL 14.

LATIN.—SECOND YEAR.

LIVY: BOOK I. CHAPS. 1-30.—HORACE: ODES, BOOK IV.

PROFESSOR JOHNSON, M.A. Examiner.

1. Translate:

a. Jam tam in Palatio aeneo Lupercale hoc fuisse Iudicium forent, et Pallanteis urbe Aenea Palatium, deinde Palatiens monum appellarent. Ibi Etrusci, qui ex eo genere Arcadium multa ante tempora illas tenuerunt loca, solenne alluit ex Aradia luctuissime, ut nudi juvenes Lycaonem Pura venerantes per lumen atque lasciviam carent: (quae Romani tenuerunt vocant Iunum). Hunc deitatis iudice, quam solenne nossem esset, iudicandis ob iure pueris amissis latronis, quia Romulus si se defendisset, Romam expulset; capitum regi Amulio tradidisset, ultra resumere. Criminis maxime latroni, in Namibori armis ab his impunit fieri: inde eos, collecta juventus manu, hostiles in medium praedas agere, sic Numitor ad supplicium Remus dediit.

b. Ad haec consultanda praeurardaque mukindilis omni a vi et armis corrissa, et animi aliquid agende occupati erant, et decorum assidua inservire cura, quem interesse rebus humanis collasse numeri videnter, et pietate omnius pecunia inobligata, ut fiducia ex justitiam, proxime legum ac personarum iustitiae, divitias regentes. Et quae ipsae lombos in regia, electi erici exempli, moris formarent; non distinctori ciuiis populi, qui ante eam, non urbanum postulam in medio, sed sollicitandum omnium pacem, considerant, in eam vereundam adducti sunt, et divitiae notum in estum versus derius violari discretz nonis. Lucas erat, quem nullum ex opere specie fuisse perenit rigida aqua: quo quis se periret Numa sine arbitrio, relat ad congressum dux, infernali, Camenis enim faciem suavem; quod carum ibi oscilla cum coniuge sua Regis essent.

- c.
Ist nullum unum superando humum
Plena Albani calus: ecce in horio,
Phylli, neessendis spuma coronis;
Est ludens via
Mala, qua eritis religare fulges:
Ridet argento dorum; omni castis
Vimera cerberus aetate immotus
Spangler agno;
Cuncta festinat manu, huc et ille
Cunctis saltuoso pulchre pueris;
Foridam famulari impensis romanes
Vertice fumam.

Ut nomen nigris quibus advocari
Gaudit, Idus tibi sunt agendas,
Qui dies monum Venatio maritima
Fidit Aprilum:
Jus sollemnis nulli sanctiorque
Pensi natal proprio, quod ex hac
Luce Maecenas messi affilientes
Orlinat annos.

2. Analyse the first sentence of the second extract so as to show the connection of the clauses.

3. What is the force of "hoc" in "Lupercale hoc"? What change has been suggested in "preciosum . . . natus," and why? "Vertice" may be translated in two ways! Who were the Camenes? What is the origin of the names "Lupercale," "Lyceum," "Camene," "Idus"?

4. Account for (1) the cases of "dedit," "criminis," "multitudine," "rebus," "coronis," "tibi"; (2) the moods and tenses of "meritor," "excurrent," "casus," "copias," "postum," "qua . . . interficiat," "quod . . . essent," "advocato."

5. Decline throughout: vate, Idus, cubili, boves, viris, Phylli, pulso, compule.

6. Parse, giving the principal parts: ferret, sexto, merito, quatuor, meritor, spangler, tertio, deficit, pergerunt, orig.

7. Scan the first stanza of extract c. Give the form of the Alcibiades stanza.

8. In turning octo recte into a. oblique, how are the moods changed?

9. When may and when must the possessive be used for the gerund? How is the lack of partake in Latin supplied?

10. Give some account of Livy's history. Why is the Regal Period considered unhistorical?

11. Translate into Latin:—Forseca, thinking it a great thing for the Tascans that there should be a King at Rome, as well as one of his own nation, came to Rome with a hostile army. Never before had such great terror abed on the Senate; so strong at that time was the Clodian faction, and so great was the razzoom of Pompeii. And they found not only the enemy but very citizens, for the Roman youth, struck with fear, having received the King into the city, should accept peace even along with slavery.

Additional for First and Second Class.

LIVY: BOOK I. CHAPS. 30 TO END.

1. Translate chap. 33.
2. Write in classical Latin. On the 28th of April, B. C. 101.
3. Supply proper cases to the following words, so as to make simple sentences: expars, stills, subvenia, propo, imperatur, circumlo, opus est.
4. What verbs form the fut. participle from the pres. indic.?
5. Quote imitations of Greek syntax by Horace, and give the usual forms in prose.
6. Turn into octo recte the passage "Jus ab alienis . . . Laxum," chap. 33.
7. How may the story of Romulus and Remus be accounted for?

PALHOUSIE COLLEGE AND UNIVERSITY.

HALIFAX.

SESSIONAL EXAMINATIONS. 1875

TUESDAY, APRIL 13TH.

GREEK.

SECOND YEAR

HERODOTUS: BOOK I.11.36-39—HOMER: ODYSSEY, BOOK IX.

Pasquale Journe... Eguinier

1. Translation:

四

Παλαιὸς δε ιδεῖς αὐτὸς δημος τρίκα τινα μέσα
Κλασσικὸς· οὐτοὶ δὲν λατρεύουσιν αὐτὸν βασιλεύομενού
Ἐπι τοι ποτέ, οὐτοὶ δὲν ποτὲ ἀλλαγῆ.
"Ιδε δὲ πατέρα θυμός διέτεινεν πατέρα".
Κλασσικός γάρ ιστορία μέρος δύστοις ταῦτα σημαῖ,
Χλωρὸς θάλασσα· ὅτι μὲν ἔσται, οὐδὲ φρονεῖ
Αἰσχύλος· τὸ μὲν ἄμφος ἔσταισαν ἀπορεύοντες
"Θεοὺς οὐ λατρεύεις τοικεράς πελάσσεις,
Φροντίδος εὔρεις, οὐ τ' ἕπεται μηδὲ λατρεῖα·
Στούντος δὲ μήπος, νόστου πάχειαν επορεύεσθαι.
Τοῦτο μὲν δεῖται· Σητείας δὲν πάντας επορεύεται,
Καὶ παρθεῖται· Ιεράσπον, λαβεῖται· Εἰ διδόσθαι
Οὐ διδόσθαι ποιεῖται· τρίτη δὲ θάλασσαν ταραχεῖται·
Δεύτην δὲ οὐδὲν ποιεῖται· τρίτην δὲ οὐδὲν ποιεῖται.

Ότι τοις πολεμήσαντοι ήμα τον μεχάνη λέγεται
Τριψις ου δόθελαρ, ιτε τῷ γλυκεῖ ἄποις ιαίνοι,
Οι δὲ θάλασσας θεοὶ οι καὶ θεῖαι αὐτοῖς θεάδες,
Πλούτος, αἰστός οὐδὲ εἴλετος, μαῖα τοιούτη οὐδὲν.

2. Write all the cases, with contracted terminations, of:—*εἰδος*, *καρού*, *επιστότου*, *λέγος*, *τεθέν*.

3. What are Epic forms of (1) the dist. pl., (2) act. infinitive, (3), nd nor, indicative.

4. Parse these words, giving the nom. and gen. cases sing. in the Attic dialect:—*πάτημα*, *αὐτή*, *αἴρεσθαι*, *λύεσθαι*, *ἵνει*, *έργα*.

5. Parse the following Verbal forms, and give the chief tenses in use:—*φένται*, *έξιπτερ*, *έπειτασθεται*, *συλλέψοις*, *ένισχε*,—*εἴπεις*, *έπειτων*, *έλεγον*, *έπεισαν*, *έπεισται*.

6. Give examples of adverbial accusatives of (1) time, (2) manner.

7. What classes of verbs are followed by (1) the genitive, (2) two accusatives?

8. Translate into Greek:—The Laeotaeonians remained there many days, and invaded the whole country. Those who managed the affairs of Greece in this war are worthy of great praise. When they heard this, the people of the city went down to the Piraeus with all speed.

9. Write a short account of Herodotus.

ADDITIONAL FOR FIRST AND SECOND CLASS.

HERODOTUS: BOOK II., SEES. 1-34.

1. Translate sees. 11, 22.

2. What are the equivalents in the Attic dialect of:—*πολλάχι*, *ἐπιστρέψας*, *πίστις*, *έργαστος*, *περιποιεῖ*, *λαμβάνει*, *τελεῖ*, *έπεισε*, *έπεισαν* (with accents).

3. Decline the following words in the Epic forms:—*εἰδεῖς*, *έπεισε*, *έπεισται*.

4. What verbs take a double agent?

5. Parse (giving chief tenses) and accentuate:—*ιδῆτε*, *αρρένων*, *εγκλαδίσαντος*, *καταρράκτην*,—*γενεῖ*, *γενεῖ*, *εργάζεται*, *δακτύλη*, *καταβάται*.

6. Give the meaning and derivation of:—*εἰδεῖσθαι*, *αρρένων*, *καταρράκτην*, *Οενέας*, *έπεισε*, *έπεισος*.

7. Accentuate the following sentences, and translate them into Latin:—*αὐτὸν εἶδεν εἷς αρρένων οἰδηποτε τοῦτο επιστρέψειν οὐ μετέπειτα γνωστόν αἱ λαούσαις*, *Αρρένες τοι ἀλλαγῆσθαι*.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

MONDAY, APRIL 13, 3 TO 6 P. M.

MATHEMATICS—SECOND YEAR.

TRIGONOMETRY AND LOGARITHM.

PROFESSOR MACDONALD, Examiner.

1. Explain what is meant by Circular Measure, distinguishing it from Gradient Measure. Also, if the measure of an angle be 3046, find the number of Degrees &c. in it.

2. When a Trigonometrical Function passes through the extreme values, $\pm 0, \pm \infty$, it changes sign. Illustrate fully.

3. Given a Table of Natural Sines and Cosines; show how a Logarithmic Table may be constructed.

4. Given $\tan A = \sqrt{3}$; find the general value of A.

5. In the triangle A B C, right angled at C, given (1) a and c, (2) a and b; show how to find the other parts in each case.

6. Given the three sides of a triangle; there are two methods for finding the angles. Explain them.

7. Prove $\sin(A+B)\sin(A-B) = \sin^2 A - \sin^2 B$; and also $\sin A + \sin 2A = \tan xA$.

8. Given $A + B + C = 90^\circ$.

prove $\cot A + \cot B + \cot C = \cot A \cot B \cot C$.

9. Prove that in any triangle $\sin(A-B) = \frac{a^2 - b^2}{c^2} \sin(A+B)$,
also $\tan \frac{1}{2}A \tan \frac{1}{2}B = \frac{a+b-c}{a+b+c}$.

10. A ship in latitude ℓ sails due East or West x miles; find the Difference of Longitude.

11. Find general integral positive solutions for $6x - 5y = 19$, and test them in two cases.

12. There are 9 flags, a, b, c, &c. In order to have the greatest number of combinations of them possible, how many must be taken at a time?

13. Find the present value of a Freehold, worth £A annually, (t) to commence at the present time, (t) to commence q years hence.

14. Define a Logarithm; and explain how Logarithms can be employed to simplify numerical calculations, proving one of the rules you examine.

15. Show that imaginary roots occur in an equation in pairs, the equation, $f(x) = 0$, being a rational integral function of x .

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

MONDAY, APRIL 10, 10 A. M. TO 1 P. M.

MATHEMATICS—SECOND YEAR.

GEOMETRY AND MAXIMIZATION.

PROFESSOR MACDONALD..... Examiner.

1. Define "Ratio;" and give algebraic proof that if there be any magnitudes, a, b, c, \dots, l , of the same kind, the ratio of a to b is the ratio compounded of the ratios $a : b, b : c, \dots, k : l$.

2. If the exterior angle of a triangle be bisected by a straight line which cuts the opposite side produced, the segments of this side, measured from the angles of the triangle, have to one another the same ratio as the other sides have.

3. Find a third proportional to two given straight lines.

4. If four straight lines are proportionals, the rectangle of the extremes is equal to the rectangle of the means; and conversely.

5. Similar rectilineal figures are to one another as the squares of their homologous sides. Prove this, after having given a sketch of the properties which lead up to this one.

6. If two triangles which have two sides of the one proportional to two sides of the other, can be joined at one angle so as to have these sides parallel, the remaining sides shall be in a straight line.

7. If a tangent and a secant be drawn to a circle from the same point, the rectangle of the secant and its external segment is equal to the square of the tangent. Prove this shortly by the Sixth Book.

8. If a square be inscribed in a right-angled triangle, one side coinciding with the hypotenuse, the segments of the latter are in continued proportion.

9. One circle touches another internally, and a third circle is described in the included curvilinear space. Prove that the perimeter of the triangle formed by joining their centres is equal to the diameter of the including circle.

10. Cut off an n th part of a parallelogram by a straight line drawn parallel to a diagonal.

11. The length of a quadrant arc is 154 feet: find the radius of the circle of which it is a part.

12. The length, breadth, and depth of a rectangular box are 14, 12, and 6 inches respectively, but there is no lid to it: find the number of square inches in the surface.

13. A solid right cone of lead is re-melted into the shape of a right cylinder, the radius of the base of the cylinder being made just one half that of the cone. Prove that its height will be $\frac{1}{3}$ of the height of the cone.

14. Explain the common form of the Vernier Scale.

DALHOUSIE COLLEGE AND UNIVERSITY,

HALIFAX.

SESSIONAL EXAMINATIONS, 1825.

FRIDAY, APRIL 25, 9 A. M. TO 2 P. M.

MATHEMATICS—SECOND YEAR, (EXTRA).

PROFESSOR MACDONALD..... *Examiner.*

1. If a straight line be at right angles to a plane, every plane which passes through it shall be at right angles to the same plane.

2. Through a given point in space draw a plane parallel to a given plane.

3. X and Y are two circles, the one not being within the other, and Z is a third circle touching them externally: prove that the line joining the points of contact passes through the external centre of similitude of X and Y.

4. If you had to construct Tables of the Logarithms of Numbers to the base 12, exhibit fully the process you would pursue, starting from the base of the Napierian system.

5. Prove $\left(1 + \frac{1}{n}\right)^{n \cdot x} = e^x$ when n becomes indefinitely great.

6. All the combinations of a things, when an odd number of them are taken at a time exceed all the combinations of the same, when an even number are taken at a time.

7. Prove the Binomial Theorem for negative indices; and apply the Theorem to find approximately the cube root of 130.

8. In a bag are 4 balls, equal in other respects, but 3 are black and 1 white. A, B, C, are going to draw a ball in turn, replacing it before the next draw, till white is drawn. The successful drawer gets \$100. Find the values of their expectations.

9. If t, m, n are the lines drawn from the angles of a triangle to the centre of the inscribed circle, prove $\frac{l \sin n}{a \cdot b \cdot c} = \frac{r}{s}$.

10. Prove that if $\cos v = \frac{\cos u - e}{1 - e \cos u}$, then $\tan \frac{v}{2} = \frac{1+e}{1-e} \tan \frac{u}{2}$ and that if the sides of a triangle are in Harmonic Progression, then $\cos \frac{B}{2} = \frac{\sin A \sin C}{\sin A + \cos C}$

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

FRIDAY, APR. 26TH, 9 A. M. TO 1 P. M.

LOGIC AND PSYCHOLOGY.

PROFESSOR WILLIAM LYALL, LL.D..... Examiner.

1. Enumerate the laws of mind, according to the classification adopted of the mental phenomena. Distinguish Resemblance and Analogy.
2. To what department of mind, in our classification, may Reasoning be referred? What is the true theory of Reasoning?
3. Give some account of Memory. To what may it be ultimately reduced?
4. What classifications have been given of the laws of Association?—Of reminiscence by Aristotle?
5. What is the peculiarity of Imagination, viewed as a state or faculty of mind?
6. What are the logical laws of Thought? Give the rationale or principle of the laws, respectively.
7. Distinguish between a concept and a generalization.
8. Which affords synthetic or progressive, and which analytic or retrograde reasoning? Or, viewed as a matter of quantity, which affords the extensive and which the intensive or comprehensive syllogism?
9. How may the Inductive process be shown to be really Deductive? Into what error does Sir Wm. Hamilton seem to fall in endeavouring to bring inductive reasoning within the scope of Formal Logic?
10. How are Syllogisms divided according to their internal or intrinsic character, and how according to their external or extrinsic? Show why the pure Categorical Syllogism is alone syllogistic, and what is the nature of the other so-called syllogisms!
11. Explain the moods and figures of the Syllogism, and show why the 2nd and 3rd figures are properly the minor premiss, or the form of the minor premiss, of Syllogisms, of which the major is the maxin of these figures respectively. Show how the 3rd figure is the form of the generalizing process, and also argument from example.
12. Give a scheme of the Fallacies, showing how most of the fallacies fall under the "Quatuor terminorum," and specify those which do not. What fallacies come under Prohibition?
13. What is the object of a Doctrine of Method? Give the twofold division of Logic. What is modified as distinguished from pure Logic?
14. Distinguish between the two general kinds of Method—Analysis and Synthesis.
15. Give the rules of Definition and Division. Show how these rules follow the principle of classification.
16. How are Probations divided according to their matter, their form, and their degree of cogency. Give the rules of Probation.

STRUCTURE OF THE EARTH
MATERIALS

ANNUAL EXAMINATIONS

FOR THE YEAR 1875.

EXAMINER: JAMES LAWRENCE.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

THURSDAY, APRIL 25.—9 A. M. TO 1 P. M.

JUNIOR CHEMISTRY.—SECOND YEAR OF ARTS COURSE.

PROFESSOR LAWRENCE..... Examiner.

- What is the meaning of the term "Element"? Is water in any sense an element? What is the chemical constitution of water? Write its formula in various ways so as to form types that may serve to explain the constitution of other compounds; (compare it, for example, with hydrochloric acid, sulphuric acid, a metallic salt, or an alkaline hydrate).

- Define what is meant by the terms (1) Equivalent Weight; (2) Atomic (or Indivisible) Weight. Point out clearly the difference between these two. Show, by reference to Sodium Hydrate, that the Hydrogen, of water may be replaced by a monogenous metal in two equal proportions, yielding successively a hydride and an anhydrous oxide.

- Explain the Law of Combination by volume, (with exceptions).

- Describe minutely the common process to prepare Oxygen, with necessary equations, and give a brief history of Oxygen.

- Show in what way you can detect, in water, soluble compounds of Iron, Lime and Soda, also whether these exist as Sulphates, Chlorides or Carbonates.

- Give an account of Nitric Acid and Nitrates, their natural sources, mode of preparing the Acid, its properties, and its mode of action on certain metals.

- Describe Chlorine, its preparation and properties. What is the strict chemical composition of the substance commonly (erroneously) called "chloride of lime?"

- Describe Ammonia, its preparation, composition and properties. What is the constitution (theoretical) of an Ammonium Salt.

- Explain what is meant by the terms; (1) Ultimate Analysis; (2) Proximate Analysis; (3) Distillation; (4) Fractional Distillation; (5) Descriptive Distillation.

- Give a general account of the first series of Hydrocarbons $C_6 H_{12}$ & $C_7 H_{16}$, of the fatty group.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS. 1875

WEDNESDAY, APRIL 14.

LATIN.—THIRD AND FOURTH YEARS.

Horace; Satires, Book I. 3, 4, 5, & 6. Terence; Adelphæ.
Professor Johnson, M.A. Examiner.

I. Translation:

- a. Hoc ergo exercitium quoniam te, procedure scimus,
Millorum agri nulli vix. Quicquid publico est,
Invenio semper; perennus quoniam clavis sit;
Palauum Cœsarae verum nonne possum
Saepè Forum etiam illudque; hinc domum mea
Ait poni et electi roles laetisque catione;
Domus substitutus portio in Pœn, et lapit alias
Pœnali et in cyathis duo secundum; adhuc cibis
Vitis, cum patre gratus, Compagna sapientia.
Dilecta et dominum, nos sikkiles ubi quod nos
Surgimus et natos, oscam Ita Marpa, qui se
Vultus Tene angelus; Nostrum pone miserere
Ad quartum jacit post hanc eogeni; ast ego, luto
Ast solido quoq; sic inimici jecit, magore olive,
Qui nos ferunt inimicos. Nostri horribilis
Ast ut me frons sed uerborum le lacrimo
Adhuc oī filio Campum hincque trigeremus.
Pomorum nec arida, quoniam impedit levare
Venerem deus come, domineles adest. Haec est
Uta solitudo, nesciam audirene genitrix;
Hoc ne consideremus victoriam amera so si
Quiescerat uero pater atque nosse paternaque fuisse.
- b. Sy. Lobsell: nomen hoc latice: nile si suis planetis:
Petras quoniam arietis in petram, Similes,
Sericeas ex perdo tetrica, cedentia ferre,
Mura faciem excedit ali-utris. Sa. Et mibi,
Etiam de sorte eam nimis in deinceps miserit?
Pudet illi!—conclu dicens labefact mibi;
Puerum castigis tuus est natus eponi;
Estat insuper i-fusili?—moxnam abeo. Sy. Ut inbet;
Nemplid ita quia nesciam?— Sy. Ianno hanc hie queso, Syre,
Vi et haec macta, patres quoniam ita securi.
Meum inibi recte, ut saltem quoniam emittat, Syre,
Sic lo et non ut mactae amicti macta;
Memoriam fidelis esse et gressu. Sy. Sordido
Fascio, sed Crisphebenum nōcō: fatus est
De amico. Sa. Quid quid se oī?— Sy. Patiloper nōcō.
- c. M. Illius hui matriformis aligo. Dr. O Ippius
Istius patro opem?— M. Quid ferimus amplius?
Dr. Quid factur?— et nos ipsi in illi littera loco,
Similares oīt ut homines. M. Quoniam nōcō
Desperdi: et compaditur: fletus ruptus;
Dempli assuta omniā base magis ut hominū. Dr. Contra
Plios tibi formam, Mico!— M. Nor, et quoniam
Mutare, euse quoniam non quoniam, mutare augeo sero.

In aliis huiusmodi, quid pœno index tessellis,
Si illud quod maxime opus est lacus non nichil,
Tali quid ecclisi fieri, ille ante certos.

Dr. Carpenter: tempis tam arcis rightum minime

Ego prudens, scireto, euse quantum pœno

Aliquis abducens, si non prudens, gravis.

M. Neque enim sequitur same sentio maledic.

Dr. Quid quid faciat?— M. Domini era. Dr. Pro diuam fitem,
Menstrua et rater fortiles uita in domo!

2. Write the singular cases of: 'ales,' 'far,' 'ciceris,' 'supplex,'
'Marci,' 'trigonum,' 'assors.'

3. Account for (1) the cases of: 'etiam,' 'peris,' 'nisi,' 'dicti,'
'ambitum,' 'Quid quod id?' 'hominis,' 'gratis.' (2) the moods of 'Sar-
gentum' eti, 'ives,' 'fex lataver,' 'dixere,' 'prefas,' 'defundit,' 'ficas.'

4. Parse the following verbs, giving their principal parts: potus, in-
sider, recluimus, ignoramus, paret, queso, cito, confitamus, molimmo, appar-
tinximus.

5. Give the meaning and derivations of: extricari, trigonum, mima, rilla a.
villana, illa, pedagru, silicium, epcl, parastas, magis, solis.

6. What is the origin of these French words: owl, eccl., châlon, palais
tail, aux, dent, male, clo, osse.

7. What are the reasons for supposing that writers Latin differed con-
siderably from the ordinary speech of the people? How does this question
affect the meaning of Terence's plays?

8. Write a short sketch of Terence's life and works.

9. Translate into Latin: Italy was at that time subject to the govern-
ment of Proconsuls. One of these officers, named Scerulus, stationed in
the Picene territory, received information that the citizens of Asculum
were organizing insurrection. He immediately marched that city with a
small retinue and quelled the distress with vehement threats. The people
set upon him and slew him; and now blood had been spilt, free rent was
given to his son. All Roman who fell into their hands were massacred
and their goods confiscated.

Additional for First and Second Class.

1. Point out some peculiarities of syntax in the following sentences, and
give the usual constructions:

a. *furis corponere venio.*

cum tua nemo

b. *Scripta legali usq; recte fundit.*

scripta plures

c. *Culani dignes.*

bonarze

d. *Judice quo nesci populi.*

2. Explain those forms: *coepit, obda, feco, sit, patis, sit, has, nōcō,*
coepimus, ebs, patiuimus, proceze.

3. Distinguish: *scio, nosce, novi, hinc, illa, i.e.—fides coepit,*
tristis patiunt,—postea eis nosce, possibiliter eti ab eis,—hinc qui sit,
non quia sit.

4. Trace the uses of *qui* he come to be the sign of the plural, and
the absence of it the sign of the sing. in French nouns. Mention exceptions.

5. Give some account of the different kinds of stage performances in
Italy.

DALHOUSIE COLLEGE AND UNIVERSITY,

HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

THURSDAY, APRIL 10TH.

GREEK.

THIRD YEAR.

ET RIPIDES : MEDEA.

PROFESSOR JENKINS,

Examiner.

1. Translate:—

(a) ΜΗ, μη δι τοθονες· τις με διατρα τολει; τις γινονται και θωνται ηγυθισας
την παροπαλιαν θωνται τοις εις;
νον θει· μηδενα οντι λιπαρον γεινεται,
και μη τις φιλις ιηρηρον διειλαχεις φανται,
οπις μητραις τοις και επις φανται,
και οι ειδεσιν θεροφατικον οι αντιγενεις,
αλις Ειπε λεβειον, και μιλλα θυμον,
κρινον οτε, τοις εις οτις οικιανοι,
οι γιρι μη της θεωρουν, οι λιπαροι ειδεις
μαλακα πλευραις και γενεροις ειδεις,
Εποιησε, μηδεις νικησεν οπωνται ιηροι,
χειρων τα αντιτονηται ηλικιαν εισο,
πανηρος οι ιηροι ειναι μη φρεσκις θειοις ιηροι,
αλλα ειναι· φιλιον μαζει σε λιπαρονα,
Μηδεια, βακχειονα και τερπηνον·
ειναι οι τοις ιηροις· οι αγανακτησας
διεις ή πιεσθειν οι γιλατα διι οιδιν
τοις Σαμηνιοις τοις· Ιηροις γιλατα,
γιλατα διειδεις ειναις· Αλιαν οι ιηροι.

(b) ΜΗΔΑ οι ιηροι δειτι ιηρωαν
τεινεταισι χρι τοιαν γερ επιπλων
τηι· οινη θεια λιπαρη ιηρωανειν.
διειν τε ταυτα επιγειαν! Ιηρωα
θεια γιαν, φιλικωνωνικων φιλων
φιλησαν και θεια ληρων ιηρωανεινειν.
οι γιρι γιλατανειν τοιαν ή εγχωριαν, φιλων,
ιναι· οι μη ζηι ειροις· οιρε μη πατηται
οιρε οιδει λεια οιρε ιηρωανειν ειναι,
ιηρωανειν ιηρει ιηρωανειν
διειν επιρηνεις, διειδεις Ιηρωαν ιηρωανειν,
οιρε έξι ληρι γιλατα ειρει ειναι.
οιρε έξι ληρι γιλατα ειρει ειναι
ειναι τη λημανοι οιρε τη λημανοι

άρρηρης τεινεινειν ιηρει, ιηρει μηδεις
διεινειν επιτηνη τη λημανοι πειρωνειν,
μηδεις οι πιληρης μηδεινειν πειρωνειν
μηδεις ειναι, οιδια θειανειν τηλεια,
πειρωνειν ιηρωανειν ειναιειν πιληρης.

2. Give the other cases of:—*γιοι*, *τειναι*, *λιπαρη*, *μηδεις*, *πειρωνειν*, *ιηρει*.

3. Account for the cases of the following words which occur in the extracts:—(a) *ειπει*, *οιηγη*, *δει*;—(b) *γιλατα*, *πατηται*, *πιληρης*, *ιηρωανειν*, *ειναιειν*.

4. Name the parts of the verb in which the following terms are found, and give their principal tenses:—*ειρηνη*, *επιρηνη*, *ιηρωανειν*, *πειρωνειν*, *οιδια*, *τειναι*, *επιτηνη*, *λημανοι*.

5. What relations are expressed by the dative case? What prepositions govern (1) two cases, (2) three cases?

6. A wish may be expressed in different ways; give examples with Latin equivalents.

7. Give a scheme of Anapaestic metre. Scan the lines beginning:—
Ειπει· μητι· Σαμηνιοις· πατηται.

8. Sketch the life of Euripides.

9. Translate into Greek.—Let no one speak evil of any one. I have no means of acquiring money from those that are present. He says that the river Nile contains all kinds of fish. But now having heard this, we fear the city has been taken. If you had anything to say in behalf of this man, I would gladly hear it.

ADDITIONAL FOR FIRST AND SECOND CLASS.

1. Form sentences containing the following words, so as to show their construction:—*στενειν*—*αιδειν*—*αποει*—*λιπαρη*—*πιληρη*—*ιηρωανειν*.

2. Translate into Latin and accentuate:—

a. ιηρηρης διεινειν ιηρει τη λημανοι πειρωνειν μη τη λημανοι
ειναι.

b. ειναι τη λημανοι πιληρης γιλατα φιλης ιηρωανειν τηλεια τηλεια
ιηρωανειν; πιληρης γιλατα.

3. Give an account of the rise and growth of Tragedy in Greece.

4. Point out the differences between the tragedies of Euripides and those of Sophocles.

5. Describe the place, time, and manner of representing plays at Athens.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

MONDAY, APRIL 15, 9 A.M. TO 1 P.M.

STATICS AND DYNAMICS—THIRD YEAR.

PROFESSOR MACDONALD..... ECONOMY.

1. Assuming the proposition called the "Parallelogram of Forces" to be proved for vectors, prove it for scalars.

2. A B C is a triangle, and D the middle point of B C. Forces represented by A B, A C, D A, act at the point A; find the resultant.

3. If P, P' &c. be forces acting at a point O, making angles α° , α'° &c. with the line O X, find the magnitude and direction of the resultant, and define the condition of equilibrium.

4. Define "centre of gravity," and show that in the case of a rigid body, if the centre of gravity is unsupported, the body is suspended. Also, a homogeneous triangular plate weighs 2 lbs., and a weight of 3 lbs. is suspended at one angle; find the centre of gravity of the whole.

5. Draw a system of Barlow pulleys, and find its mechanical advantage.

6. Prove the principle of Virtual Velocities for the inclined plane.

7. Prove the formula $v = \sqrt{2gh} + \frac{1}{2}at^2$; and find what initial velocity must be given to a body projected vertically upwards in case that it may ascend 400 feet.

8. The time down sheets of a circle drawn from the end of a vertical diameter is constant.

9. Explain Atwood's machine; assume numerical values for P and Q, and hence calculate through what space the system would move in the 1st second.

10. A body describes $\frac{1}{2}$ of the entire height, through which it falls in the last second. Find the height and the time of descent.

11. In the regular polygon, show that the horizontal tensions are equal, and show how the whole tensions can be represented by a Drawing to scale.

12. The angle of greatest range with a given velocity on an inclined plane bears the angle between the plane and the vertical.

13. A body moves uniformly in a circle, constrained by an inextensible string. Suppose it is struck directly by an inelastic body which loses its mass; compare the tensions of the string before and after the impact.

14. A cylinder (weigh W) with its axis horizontal, is held at rest on a rough inclined plane by a string wrapped round its middle and fastened so as to be horizontal and at right angles to the cylinder. If the cylinder be at the point of turning round, prove that the tension of the string is equal to the reaction due to friction, and that $\mu = \tan i$, the coefficient of friction,

$$=\frac{\sin i}{1 + \cos i}, i$$
 being the angle of elevation of the plane. Find also the tensions in terms of W and i.

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BY
CHARLES

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SESSIONAL EXAMINATIONS, 1875.

TUESDAY, APRIL 29.—9 A. M. TO 1 P. M.

EXPERIMENTAL PHYSICS.

VERY REV. PRINCIPAL ROSE, D. D.*Examiner.*

1. Define the terms "Mass," "Volume," "Density," "Inertia."
2. How is the Hardness of a body determined? Describe the scale by reference to which the relative Hardness of bodies is expressed.
3. Upon what does the mechanical advantage of a machine depend? How may it be varied? Describe a compound lever.
4. How can a body be kept from falling when the line of direction is outside of its base?
5. What is mutual attraction? Give examples. State its laws.
6. Outline the instrument by which the correctness of Mariotte's law may be experimentally proved.
7. How are sounds produced? Echoes? Explain the construction of whispering galleries.
8. What effect has temperature upon the velocity of sound? What is the ratio of increase?
9. Mention the various sources of Heat. How is warmth preserved in the living animal? How does the fine down of the eider duck tend to preserve animal heat?
10. What constitutes the delicacy of a Thermometer? How may those properties be secured?
11. What is specific heat?
12. How does it happen that some stars which are invisible at the level of the sea are seen distinctly at the summit of high mountains?
13. Explain by a figure the cause of a Pendulum.
14. How is the image of an object affected by being reflected from the surface of a Cylindrical Mirror? Why?
15. How is the absorption of light accounted for on the Undulatory theory.
16. Account for the appearance of different colors and of dark lines in the Solar Spectrum.
17. Explain the phenomenon of Double Refraction. What is its probable cause?
18. How is the Intensity of Terrestrial Magnetism determined?
19. What remarkable coincidence has been recently observed between Solar Eclipses and Terrestrial Magnetism?
20. Mention the various ways in which Electrical equilibrium may be disturbed. How can electricity be accumulated.
21. State differences between Franklin and Voltaic Electricity.
22. How is Electro-motive Force increased? Intensity? Quantity?
23. Explain the nature of a Secondary current. How is it produced? To what practical purpose has it been applied?

DALHOUSIE COLLEGE AND UNIVERSITY,

HALIFAX.

SESSIONAL EXAMINATIONS, 1873.

FRIDAY, APRIL 10TH, FROM 9 A.M. TO 1 P.M.

METAPHYSICS AND ESTHETICS.

PROFESSOR WILLIAM LTKE, LL.D.

Examiner.

- Why was the New Academy so called? What element did it admit into speculation which Plato and the Academy had eliminated from it? State the character of this philosophy, with the names of its founders and principal abettors.
- What was the fate of Philosophy among the Romans? What place does Cicero hold in philosophy?
- Who was the founder of Neo-Platonism? In what state of opinion held it its rise?
- What were the peculiar doctrines of Plotinus? What are the principal names of the Alexandrian School?
- What was the relation of Christianity to Philosophy?
- What contributions did Boethius, Cæsiodorus, Isidorus of Seville, and Bede of England, make to Philosophy?
- What were the "Trinitas" and "Quadrivium"?
- From what circumstance did the Scholastic age derive its name? Who were the Schoolmen?
- What great question divided the Scholastic period of Philosophy? What is the aspect of this question at the present day?
- Show Descartes' place in philosophy, and his influence on succeeding speculation. What view of St. Anselm's did he revive?
- What tendency in Aristotle and others do we recognize in reference to the feelings as claiming a place in any classification of the mental states? Who first admitted them into a distribution of the mind?
- What classifications have been given of these states? How, and on what principle, do we propose to classify them?
- What do you understand by the Esthetic state, and in what class of the emotions are we to find it?
- What are some of the theories on the subject of the Beautiful and the Sublime? Give a particular account of Alison's theory.
- What error does Sir William Hamilton seem to have fallen into in reference to the feelings and the emotions respectively? Classify the Diseases.
- How would you regard Conscience among the active powers?
- What is the distinctive characteristic of the Will among these powers?
- What is the relation of the Will to morality? And what apparent paradox emerges in connexion with the origin of moral evil? What is our wisdom in reference to that paradox?

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SESSIONAL EXAMINATIONS, 1870.

THEME, APRIL 22.—9 A. M. TO 1 P. M.

SENIOR CHEMISTRY.—THIRD YEAR OF ARTS COURSE.

PREPARED BY LAWSON..... Receiver.

1. In what state of combination does Phosphorus exist in the soil, in what part of the plant is it chiefly found, and in what state of combination? In what portions of the animal tissues and fluids, and in what state of combination?

2. Outline the general method of systematic sorting for Basins. Give, in the order in which they would be applied, the smaller number of tests necessary to eliminate every Base except Potash.

3. Give salinity tests for (1) Ferrous, (2) Ferrie, (3) Manganous, (4) Mercuric, (5) Arsenic, (6) Aluminium, (7) Zinc, and (8) Cobalt Salts.

4. Give a concise definition, founded upon the equivalence or stomaticity of Carbon, of the more important Series of Organic Compounds.

5. Describe Ethyl Alcohol, with reference to its chemical and physical characters, specific gravity, boiling point and solvent properties; also how prepared, (1) from Ethene (what is Ethene?); (2) by fermentation of Glucose (what is Glucose?). Notice some of the principal Ethyl Ethers, their preparation and properties.

6. Compare the Hydrocarbons of the fatty Group with the Alcohols, the latter with the Ethers, these with the Organic Acids, these Acids with the Aldehydes, and the last mentioned with the Ketones, so as to show the exact constitutional relationship between each series.

7. Give a brief account of the Hydrocarbons of the Aromatic Group called Terpenes, C¹⁰H¹⁶, and show in what way the Volatile or Essential Oils are related to them.

8. Describe Cyanogen, and, briefly, its principal compounds, preparation, properties, &c.

9. What is the constitution of an Amide? an Alkaloid? a Phosphate? a Sulfide? an Amino? an Acile?

10. Explain the constitution of Inorganic Salts, taking HCl, H²C, or any other compound, as a type.

DALHOUSIE COLLEGE AND UNIVERSITY, HALIFAX.

SESSIONAL EXAMINATIONS. 1873.

FRIDAY, APRIL 21.

FRENCH - THIRD YEAR.

JAMES LIECHTY, Esq., Examiner.

TRANSLATE: I. La vie passive de l'homme n'est pas de ne regarder en¹ un corps dont il sera bientôt délivré; mais sa vie active et morale, qui doit inclure tout son être dans l'exercice de sa volonté. La vie est en soi pour le modifiant qui prospère, et en elle pour l'homme hemme informe²; car ce n'est pas une modification passagère, mais son rapport avec son objet, qui la rend bonne ou mauvaise. . . . Change donc des arguments! et puisque c'est dans la moindre disposition de nos ames qu'est tout le mal, corrige ces affections dérégliées et ne laisse pas ta main pour n'avoir pas la paix de la ranger.

J. J. ROUSSEAU, (*Le suicidé.*)

II. Lettre: Ab ça, jesse homme, si vous veuliez modérer vos expressions; c'est un très regard je me suis point habillé!

Claude: Tu t'y remettes, car on m'a tout dit. J'avais d'abord dessiné du chien-mort, mais j'ai changé d'idée. On me demandera quelques façons, alors je ne garderai ainsi, je sortirai à l'oeuvre, à condition que ta sœur³ n'en voit rien. Je ne t'empêche pas d'être un homme de plaisir⁴ et pourtant que tu ne m'oublies pas d'après l'esprit, c'est tout ce qu'il nous faut. Mais pour tout être parti habilement; et ta sœur aboie, mais vraiment douter ut bel se châtaise, c'est la fée du village.

Lodre: Mais Monseigneur.

Charles: Ecoute donc, tu es mon gouverneur; c'est à toi d'arranger pour qu'il n'en sorte rien.

CHARLES BOHÈME, (*Les Prophétesses.*)

III. Les traits de son visage impassible attiraient quant cette de M. de Talleyrand, paraissaient avoir été soufferts en bronze. Son âge était un problème: on ne pouvait pas savoir s'il était vieux avant le temps, ou s'il avait seulement 30 ans sans qu'il lui manquât respiratoire. A l'entraînement du Fouilloux, il démontre la connaissance vaste et concentrée tous les sentiments humains dans le seul. Aussi sa vit s'écolait-elle le sens faire plus du bruit que le tableau d'une horde sauvage. Vers le soir, l'homme-blâme se changeait en un homme ordinaire et ses amitiés se réchauffaient; et cetera finissait. N'il était content de sa journée. Il se trouvait les yeux et laissant échapper par les rideaux couvrant de son visage une fine robe de gold, sur lequel impossible d'expliquer autrement le jeu muet de ses muscles. Enfin dans sa plus grande simplicité de rôle, sa conversation restait mansuète, et sa contenance était toujours ségitive.

PALMAZ, (*L'ami.*)

Translate into French:

A. Towards ten, a gentle knock was sounding the door; "nobody did say a word," said a knock who heard, rather louder, but still gentle. "Go and see who it is," said the king; it was Charles Hachez. "Let him come in," said the king. "Sir," said the colonel, with a low and half-rolling voice, "it is time to go to Whitehall; but you will have some further time to rest there." "I will go directly," answered Charles; "leave me, Hachez went out."

GARIBOLD—(*Last moments of Charles I.*)

B. Alas! my money, my lost money, my dear friend; I have lost my deposit of them; and since those have been taken from me, I have lost my support, my consolation and joy; all is over with me. I have done with this world. I cannot live without them; all is over with me. Alas! I am exhausted; I am dying. I am dead; I feel as if I were buried already. Is there no one to revive me by giving me back my beloved money, or by informing me who has taken it.

From the "Miner."

(1.) Account for the following words, giving full explanations: *anger* (1); *angry*, *ty*, *d'âme*, *courte*, *comme* (II); *mourir*, *sortir*, *être mort* (III).

(2.) Mention at least two of the leading points in which the English and French differ, giving an example in illustration of each point.

(3.) Explain the construction of the *Object Pron.* (*dobj.* and *conj.*) writing short examples. Name those *Pron.* which are both *conj.* and *dobj.* Why is the following sentence incorrect? *Persilence pue je ruse hui present.* They are to be sent to the others.

(4.) Give, show by examples the various meanings this word admits of. Which is the position of the *relat.* *Pron.*? The Queen's daughter who is to be married. What have I been thinking of, and what I am speaking of now, will shortly be done.

(5.) Quelque soit son influence, quelles que talents, qu'il ait et quel que soit qu'il soit, il n'a pas réussir. Correct and explain. *Quelque* is used before a noun in one case? Write an example.

(6.) Both words of a negation may be placed together, or either may be used without the other? State the three cases. Name principal negation.

(7.) Show how and when the *object form* is to be used. What is the *Power Form* of *avoir*, *venir*? Certain verbs, verbs conjugated with *verbaux*? These subjects are spoken of. The noun of the verb is used in less than 30 days. These gerunds are writing one another.

(8.) Form Adverbs from *gentil*, *domine*, *impôts*, *triste*. Illustrate the various meanings of *couler*, and state what word is used in exclamations instead of *couleur*. Translate: He studies very well. You are late. The mail is due. It is late.

(9.) Explain the difference between: *done au xx*; *very and severe*; *exact and devout*. How is *eler* to be applied? In truth. In the United States. In the year 1875.

(10.) Give the equivalents for: *But you*; *either* (define nouns.) TRIM. Both in England and France. Whether I read or write. Unless you do your duty.

(11.) Explain in full the agreement of Present and Past Partic., giving examples.

(12.) Write short notes on: Laliblèye, Mad. de Sévigné, Mad. de SENE, Châteaubriand, Eugène Scribe, and Jules Janin.

DALHOUSIE COLLEGE AND UNIVERSITY, HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

FRIDAY, APRIL 23.

GERMAN—THIRD YEAR.

JAMES LEITCH, Esq. Examiner

Translating: L. "Schiller": *Knigf mit dem Drachen*.
Der Bettel lang gehende Lust
Befindt jetzt unter Ober Brust,
So wie der Elter das jungen Gesch.
Und schafft um Gewiss' gebrochen,
Während der verunsich. Stimmen Schell
stark und laut, und die Städte sind
Laut freudig salten den Ozean Süßre,
Dass man die Hellesee tröste,
Und dunkel im Triumpf-greigend
Will ihn das Volk dem Volke zeigen;
Daß sieben schwere stung
Der Meister und geliebte Schwiegern.

Und spottet ihm traurisch, der das Land,
Verloren, schlägt da mit tapfer Hand,
Ein Feind lädt da durchs Volk werden;
Ein Feind kommt da zurück von Orten,
Und einen selbstsamen Wurm gebar
Die Erde, der die Erde trüte will,
Die Feindselig, die das Heil gescheit,
Die Schwester und Verlobte selbst,
Das ist der widerversprecher Feind,
Der gegen Zucht seit freud empfängt,
Der weinig hilft kann sorresen;
Denn es ist's die die Welt erzögert.

Hl. "Goethe": *Reiselei Fuchs*.

"Gehen wir," sagte der Fuchs, "wes soll an Blasius nicht fehlen,
Heute bin ich zwar schlecht in Fasse; doch soll mir die Liebe,
Eisbach auch möge gewünscht, die sauren Träte verhindern.
Denn ich sehe niemand von allen meinen Freunden,
Der ich vorehre, wo auch? Doch kommt! Ich werde dagegen
An des Königs Hof am Harrengänge, wie dienen,
Dass ich der Freunde Gewalt und ihre Kleider beschneide.
Ewigwund' mich! et cetera harte, so viel du immer mir tragen
Mögest!" — da wiederte der Goldalb, die Schläge des zornigen Barzen,
Besezte ließ ihm sagen und blödung folgte der Beweis.
"Will mir's gelingen," so lachte der Fuchs, "Ich bringe dich heime
Noch zu Markus, wo dir ein Hälf't Thun zu Thell wird."

Hl. "Friedrich Jacobi": *Gastfreundschaft*.

Auch dieses Mal nützte das Anerbieten nicht. Ich würde auf das
Freundliche begrüßen, in das Haas geführt, als Spis' und Trank reichlich
bewirtet und endlich in ein Bett gehoben, doch wie ein Berg, und
geründigt gengen, an noch die! Andere, war' es nicht gewesen, aukonnen-me.
Da war es mir füryär, als war' ich in die Zeit entzückt, wo die
Haussiedler an der Strasse sasses, und wenn ein Wunderer vorüberzog, ob
wetterfond mit einem ih unter der Eich zählnden und an ihrem Horde
bewirtheten, doch auch raus zu fragen wo er' berlkame, was er für Geschichte
tröckte und wo lange er za welen geleidet.

Translate this Germanus: "Diegoys."

Dionysius. But why cost thou return? Hast thou no fear of death? is
it not then, to seek it?

Pylades. I return to suffer, though I do not deserve death. Honour
forids me to let my friend die for me.

Dionysius. Dear thou then, love him better than myself!

Pylades. No, I love him as myself; but I know I ought to suffer death
rather than my friend, since a was I whom thou mightst ordered to die. It
were not just that Damon should suffer, to receive from that death which
was not for him, but for me only.

Dionysius. But thou savest that it is unjust to inflict death upon thee
as upon thy friend.

Pylades. Very true, we are both innocent, and it is equally unjust to
make either of us suffer.

(1.) Write the Genit. sing. and the Nom. Plur. of: Buch, Bauer, Engel,
Kommis, Beichtuh, Gold, Meer, Wald, Herr. Also the Nom. Sing. of:
Beile, Wörter, Edelsteine, Kapitäne, Leute, Gesichter, Eisenbahnen, Iaslin.

(2.) Ein neues, eingeschlossenes Buch und ein uns angebendes Buch; sie
gemesse seines Hauses und ein ganz neuer Haase. State the difference in
the meaning of these sentences, and give the reason. Decline in full: ein
schönhaariger Wurm; alle meine Versammlungen; bitter Honig.

(3.) Write the equivalents of: In the first, best manner; most politeness;
most usually; extremely; the worst of all. Name a few comparatives
that have no positive. Compare: sehr viel, sehr, etwas, sehr, russ.

(4.) What are the particular functions of the verb werden. Explain
fully, giving examples. Translate: The course is being completed.
When will the college be closed. We are not allowed any dictionary.
German is spoken here. Dinner is preparing.

(5.) Dissegnati. the meanings of the conjunctions ob, wenn, da, und,
oder, ebenso, aber, gegen, bel, neben, obwohl. Eis. Translate: I did not think of it.
Of it assumes a peculiar form? Mention corresponding expression.

(6.) State the cases governed respectively by the prepositions: ob, an,
hinter, wegen, über, gegen, bel, neben, obwohl. Eis. Translate: I did not think of it.
Of it assumes a peculiar form? Mention corresponding expression.

(7.) Explain the formation of the past, past of reg. and irreg. verbs.
Which verbs reject the syllable ge. He has studied more than any one.
Write 1st person of the *Jaegi*, and the *Pras. Part. of*: losen, stehn, thus,
verbergen, abstauben, explodieren herausprangen, spätzen reiben.

(8.) Auch dieses Mal nützte das Anziehen nicht. Freundlin und
er mich eins, (invite) Die Sprüche, die ich studirte habe. Nachdem er sein
Diploma erhalten hatte, reiste er nach Hause. Explain fully the construction
in the preceding examples. Write two other examples.

(9.) Show by examples the position of the adverbial of time, and the
negation nicht.

(10.) Which are the two Classical Periods of German Literature?
Mention the most distinguished writers of the second period. Give some
account of Lessing.

(11.) Mention the principal works of Goethe. Give an interpretation of
his *Faust*.

(12.) Classify Schiller's Dramas; and give a short criticism of each.
Which is the fundamental idea of Schiller's views of life.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX

SESSIONAL EXAMINATIONS, 1875.

TUESDAY, APRIL 20. 9 A. M. TO 1 P. M.

VERY REV. PRINCIPAL BOST, D. D. Examiner.

ETHICS.

1. Explain the dependence of the Active Powers and Moral Faculty on the Intellect and the Emotions.
2. State the theory of a self-determining Power of the Will; and the arguments for and against it.
3. Explain the nature of Instinct, and its use in the inferior animals; —and in man.
4. What is the difference between self-love and selfishness?
5. Can design be legitimately inferred from conduct? Assign reasons or give examples.
6. Hume designates the Moral Faculty a *Moral Sense*. What theory is implied in this designation? State some of the consequences which follow from its adoption.
7. State and criticize the Hobbesian Theory of morals.
8. Show from passes that Truthfulness is a duty.
9. What is the essential element in Falsehood?
10. Is an Advocate justified in asserting his belief that his cause is just when he believes it to be unjust?
11. What opinion should we form of the conduct of the wife of Grotius who told a falsehood to save her husband's life?
12. What arts would necessarily be cultivated first, by men in a state of nature.
13. What is probably the original type or types of the pillar in Architecture?

POLITICAL ECONOMY.

1. Distinguish between Politics and Political Economy.
2. Define the terms "Wealth," "Utility," "Value," "Price."
3. What are the conditions necessary to value in Exchange? Which of these most frequently regulates the price.
4. What nations are most likely to trade most extensively with each other?
5. Does the exportation of money necessarily impoverish a country?
6. Does the population of a country, as a general rule, increase more rapidly than the means of subsistence? Upon what fundamental error do those who maintain the affirmative base their argument?
7. It is generally assumed that the lands first cultivated in a country are the most fertile. Is this assumption warranted by historical facts? Assign reasons for your opinion.
8. What class in a community ought to be exempted from taxation?
9. What effect would the prohibition of all unproductive consumption produce on the wealth of a community?

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ANNUAL EXAMINATIONS, JACOBIUS

A. D. MDCCLXXXVIII.

SESSIONAL EXAMINATIONS, JULY 1878.

EXAMINER.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1878.

WEDNESDAY, APRIL 21.

EARLY ENGLISH HISTORY.

PROFESSOR DEMILL, M. A. Examiner.

(Not more than six questions are to be answered.)

1. Explain the mark system and show its permanent results.
2. What was folcland? hofland? sic and sei? tol and team?
3. What was the hundred? the tithing? the wapentake? the franchise?
4. What was the gesith? thehlings? ealdorman? earl? thane?
5. What were the powers of the Anglo-Saxon King.
6. Explain the nature of the Anglo-Saxon Witenagemot.
7. The civil and ecclesiastical policy of William the Conqueror.
8. The Curia Regis and Exchequer.
9. What was the origin of Doomsday Book?
10. Describe the National Council under the Normans, and Plantagenets, and show the gradual introduction of the representative system.
11. Discuss the question of the origin of Trial by Jury.
12. Mention the chief provision of Magna Charta.

DALHOUSIE COLLEGE AND UNIVERSITY,
HALIFAX.

SESSIONAL EXAMINATIONS, 1875.

WEDNESDAY, APRIL 21.

CONSTITUTIONAL HISTORY.

PROFESSOR DEMELL, M. A. Examiner.

(Not more than six questions are to be answered.)

1. At the accession of Henry VII. there were essential checks upon the Royal authority.
2. The House of Commons, under the Tudors, frequently asserted their privileges.
3. The dissolution of Parliament in 1640 was fatal to the King's popularity.
4. Discuss the question of the execution of Charles II.
5. After Cromwell's death a Republican settlement was impossible.
6. The proceedings of the Convention Parliament.
7. The Habeas Corpus Act.
8. The reign of James II. may be divided by several points of time which mark so many changes in the posture of the Government.
9. In the Revolution of 1688 there was an unusual combination of favourable circumstances.
10. The government of William III. was in considerable danger for three or four years after the Revolution.
11. The Act of Settlement.
12. Show the diminution of the personal authority of the Crown after the Hanoverian settlement.

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SESSIONAL EXAMINATIONS, 1873.

WEDNESDAY, APRIL 23.

HISTORY.

PROFESSOR DEMILLE, N. A..... Examiner.

(Not more than one question is to be answered out of each group.)

- Divide modern history into periods and state the leading characteristics of each. Mention the chief events of the reign of Justinian. Give a brief account of the reign of Leo the Isaurian.

- Give an outline of the history of France from the accession of Louis VI., to the end of the reign of Philip Augustus. The reign of Louis XI. The administration of Richelieu.

- Give a list of Emperors from Otto the Great, to Charles V., with dates. Give an outline of German history under the Seven Emperors. The reign of the Emperor Charles VI.

- The Thirty Years War. The Seven Years War. The rise of Prussia to the death of Frederic the Great.

- Give an outline of the history of Florence during the 14th and 15th centuries. Write briefly the history of Naples under the House of Anjou. Give brief biographical sketches of the following Popes—Benedict XIV., Clement XIV., Pius VI.

- Give an account of the Omuradies in Spain. The history of Castile to the marriage of Ferdinand and Isabella. The history of Spain during the eighteenth century.

- Mention the different appearances of the Turks in history. Give an account of the Assassins—the Fatimites. The reign of Solymos II.

- The Union of Calmar. Switzerland from Margrave to Monar. The Revolt in the Netherlands.

- The influence of the Arabians on the intellectual development of Europe. The chief philosophical systems of the eighteenth century. Give brief biographical sketches of Thomas Aquinas, Giordano Bruno, Galileo.

- The revival of letters. DANCE. The literature of the Elizabethan age.

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DALHOUSIE COLLEGE AND UNIVERSITY,
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SESSIONAL EXAMINATIONS, 1875.

TUESDAY, APRIL 15, 9 A.M. TO 1 P.M.

FOURTH YEAR—HYDROSTATICS, OPTICS, AND ASTROLOGY.

PROFESSOR MACDONALD..... Examiner.

1. Prove the principle of the "transmission of Pressure" in a fluid.
2. A right cylinder (radius of base r , and height h) is filled with a liquid. Compare the pressures on the base and on the cylindrical surface.
3. Consider stable and unstable equilibrium in the case of a floating body. Show hence how a coast freighted with very heavy goods ought not to have its cargo stowed.
4. The height of the barometer being h , find the height b of the mercury in the sphygmograph after a stroke of the piston of an air-pump, and show that a complete vacuum cannot be thus produced.
5. If successive heights be taken in the atmosphere in Arithmetic Progression, the corresponding densities of the air are in a decreasing Geometrical Progression. Hence find the fundamental equation for the Barometric measurement of heights, $z - z' = r \log \frac{h}{h'}$.
6. Describe and account for the action of the sphygmograph.
7. A ray of light passing through a transparent medium of parallel surfaces (e. g. a glass plate) suffers no deviation.
8. An object is placed in front of a convex spherical mirror. Find the position and size of the image, when along the axis.
9. When you look vertically downwards through clear water, the apparent depth, if the bottom is visible, is about $\frac{1}{3}$ of the real depth.
10. Find the principal focus of a concave-convex lens, and adapt to the case of a double convex lens.
11. Prove that "the altitude of the Pole is equal to the latitude of the place"; and draw a figure to illustrate the path of the Sun in the heavens from day to day, in the different seasons of the year, at the Equator.
12. If the mean distances of the Earth and Venus from the Sun, are as 100 : 72, find the periodic time of Venus.
13. Consider the causes of the "equation of time"; and apply its results to the mean solar day.
14. Explain the "aberration of light," and its effect on the apparent positions of celestial bodies. Also, if its amount for the pole of the ecliptic be $20^{\circ}5$, shew hence how to find the Velocity of Light.

DALHOUSIE COLLEGE AND UNIVERSITY, HALIFAX.

SESSIONAL EXAMINATIONS, 1835.

FRIDAY, APRIL 22.

FOURTH YEAR—FRENCH.

JAMES LIEUTENANT, Esq.,.....*Examiner.*

Traducteur: I. *Céleste!*

" Eh! ne fût-il pas bien que mensonge contre-dire?
A la connaissance voix ventou qu'il se révèle,
Et qu'il se fasse pas échapper en nos deux
L'esprit contrariant qu'il a reçus des ciens!
Le sentiment d'autrui n'est jamais pour lui placé;
Il prend toujours en mal l'opposé contraire,
Et penserait parfois un lomme du commun,
Si l'on voyait qu'il lit de l'avis de quelqu'un.
L'instant de contre-dire a pour lui tout de chameau,
Qu'il prend contre lui-même assez souvent les armes;
Et ses vrais sentiments sont combattus par lui,
Assuré qu'il le voit dans la bouché d'autrui."—Médiolane.

II. " Compagnons," leur dit-il, " accuevez votre outrage,
Et de mon sang glace soillies ces cheveux blancs
Qui le sort des combats respecta quarante ans.
France, ne craignez rien! Cogny vous parle;
Ma vie est peu de chose, et je vous l'abandonne;
J'envie même aux autres la perdre en combattant pour vous."
Ces tigres, à ses mots, secouent à ses guirlandes;
L'un, sauf d'égarer une, dégaine ses armes;
L'autre embrasse ses pieds qu'il tempe de ses larmes;
Et ce fut assassin le grand honneur entouré.
Semblait un roi puissant par son peuple adoré!—VOLTAIRE.

III. " Mais croirez-vous, parce que vous n'aurez pas payé que vous ne devrez plus rire?... Croirez-vous que les millions, les millions d'hommes qui persistent sur un instant, par l'explosion terrible ou sur une coquetterie, soit ce qui falsifie la consolidation de leur vie et peut-être leur unique moyen de se sauver, vous laisseront paisiblement jouir de votre crise?... Comme les temples stropiques des îles malais, celles que cette catastrophe venira sur la France, impénétrables égouts, qui prouvent que ces constructions du despouy et de la misère peuvent contenir tout d'autrui, et d'autant plus rapidement quelques serments plus violents, dues-ros bûr sûr que tant d'hommes sous pain rouge déferlent, inexorablement, verser les murs dont vous n'aurez vu décliner si le mouvement si la défection?"

MIRABEAU. (*Discours contre le despouy.*)

IV. On accusa l'enthousiasme d'être passager; l'enthousiasme serait trop heureux si l'on pourrait tenir des émotions si belles; mais c'est parce qu'elles se dissipent immédiatement qu'il faut s'occuper de les conserver. La poésie et les beaux-arts servent à développer dans l'homme le bonheur d'assister originel qui relève des choses abstraites, et non à la paix de l'inspiration sainte de la vie le sentiment habituel de l'harmonie divine dont nous et la nature faisons partie. Il n'est aucun devoir, aucun plaisir, aucun sentiment qui n'emprunte de l'enthousiasme; je ne sais quel prestige, l'accord avec le pur charme de la vérité.

MME. DE STAEL. (*De l'enthousiasme.*)

Traducteur: *Examiner:*
(A.) In travelling, the best instrument, the most efficacious, prosper, is to speak fluently the language of that country which we may happen to visit. The traveller who is unable to mix in conversation is like a being

both deaf and dumb, who can do no more than use gestures, and, moreover, like one who, all but blind, perceives objects under a false light. Charles the Fifth used to say, that a man who knew four languages was worth four men; in fact, all men have need of one another, and a stranger may be said to exist for us, if we cannot understand his language.

(B.) The Normans were then the foremost race of Christendom. Their valour and force had made them conspicuous among the nations when Scandinavia had sent forth to ravage Western Europe. Their ships were long the terror of both coasts of the Channel. Their arms were repeatedly carried far into the heart of the Carlovingian empire, and were victorious under the walls of Maastricht and Paris. At length one of the feeble heirs of Charlemagne yielded to the stronger a fertile province, watered by a noble river, and contiguous to the sea, which was their favorite element.

MACAULAY.

Questions de Syntaxe et de littérature.

(1.) I thought my friends were busy, but they are not. Education is to the mind what cleanliness is to the body. What is of moment to man, is to fulfil his duties upon earth. He had determined to go to England, for which purpose he saved all the money he could. There is not sufficient ground for complaining. Expliquez la syntaxe des personnes dans ces phrases.

(2.) Construisez quelques phrases pour illustrer l'emploi de l'*Inversion.*

(3.) Manger, boire et dormir, c'est leur unique occupation. C'est moins son ambition que ses maîtres qui l'ont perdue. Plus d'un individu a perdu par ses propres intrigues. Le peu de biens qu'il a eus lui ont fait gagner de grandes richesses. Donnez les règles sur l'*ordre des notes* des phrases précédentes.

(4.) Qu'est-ce qui est incomplet dans les phrases qui suivent: Je lui lourds tout ce qu'il a bonsoir. La charité chrétienne nous commande d'aimer et de prêter assistance à notre prochain. Il n'aime ni à causer, ni le jeu, ni le spectacle, où il se procure. Le physicien araché tous ses secrets à la nature.

(5.) Les compagnes d'Alexandre donnaient lieu à ses caprices de s'enfuir après les uns les autres. La figure de Sybille, enfermée dans cette prison, est vicieuse!

(6.) Qu'est-ce que le *Gersoudi*, et quel est l'emploi? He passed my hand while speaking to me. Qui est l'accord du *Part. Present*, accompagné de *tourist*, etc.

(7.) Qu'y a-t-il à renoncer à l'égard des *Part. Passés suivants*: Vous et moi excepté. Elle se sort moi. Les arbres que j'ai été abattre. On les a finis sortir. Il les a laissez tomber. Elle s'est préparé pour vous peindre. (translate: The little mould they have taken, (se dessus).) I made all the effort I could.

(8.) Quelles sortes de œuvres ou de vers y a-t-il en français? Donnez les règles principales sur l'emploi de la *césure*. A quelle vers est-ce qu'elles s'appliquent?

(9.) Faites l'examen des vers suivants, et corrigez-les. "L'ingrat, il me laisse cet embarras funeste." "On peut envier vous rendre et fil que vous plantez." Vous pouvez bénirz lui prolonger vos bénits.

(10.) La césure est-elle bien placée dans ce vers de Boileau: "Un tel roul pour avoir réjoui le lecteur."

(11.) Quelle était l'influence de *Lacoste*, de *Molière*, de *Boileau* et de *Brossard* sur la littérature sous Louis XIV.? La mission à chacun? Classifiez les ouvrages de *Racine* et mentionnez les chefs-d'œuvre des autres, en quoi *Molière* et *Racine* se ressemblent-ils?

(12.) Qu'est-ce qu'on entend par "les classiques de la décadence"? Écrivez ce que vous savez sur "Jacques Delille".

(13.) Par quel la poésie du XIX. siècle se caractérise-t-elle? Chateaubriand et Mal. de Staél se sont signalés par quoi? De quelle école Victor Hugo fut-il le chef, et qu'avait-il pour but?

(14.) Quelle est la caractéristique la plus remarquable de notre époque? Quels hommes ont mis l'écriture au niveau des autres pays? Quatre hommes se sont distingués surtout dans la critique?