

CALENDAR

OF THE

UNIVERSITY OF MANITOBA

WINNIPEG

1900-1901

INCORPORATED BY ACT OF THE MANITOBA
LEGISLATURE, 1877

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WINNIPEG:

PRINTED FOR THE UNIVERSITY BY THE FREE PRESS CO.

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University Almanac for 1900-1901

Regular meetings of the Board of Studies are held on the first Wednesday of each month during the University year.

1900

- July 28*—Opening of ballot papers and declaring result of election of the seven Representatives of Convocation to Council.
- Aug. 30*—Last Thursday of the month. Registrar to be notified on or before this date of appointments of Representatives to the Council and to the Board of Studies.
- Sept. 6*—First Thursday.—Statutory meeting of the University Council at 3 p.m.
Election of Vice-Chancellor and of Representatives of the Council to Board of Studies. Appointment of Auditors and Finance Committee. Bursar's Statement of Accounts.
- Sept. 11*—Last day for receiving applications for Supplemental and for the Medical Matriculation Examinations.
- Oct. 1*—First meeting of the Board of Studies at 4 p.m. Election of Officers.
- Oct. 2*—Medical Matriculation and Supplemental Examinations begin.
- Dec. 6*—First Thursday.—Statutory meeting of the Council at 3 p.m.
Election of Registrar.
- Dec. 12*—Second Wednesday.—Payment of the first moiety of Scholarships.

1901

- Feb. 1*—Last day for receiving M.A. Theses. Fee must accompany application.
- Mar. 7*—First Thursday.—Statutory meeting of the Council at 3 p.m.
Appointment of University Examiners.
- Mar. 16*—Announcement of April Examinations in the papers if not already announced.
- Mar. 26*—Last day for receiving applications for Examinations in Arts, Law and Medicine.
- April 16*—Examinations in Arts, Law and Medicine begin.
- May 7*—Last day for receiving applications for the Matriculation Examinations.

- May 8*—Second Wednesday.—Payment of second moiety of Matriculation, and of First and Second Year Scholarships.
- May 15*—Last day for sending in to the Registrar applications for *ad eundem* Degrees. All Graduation Fees must be paid on or before this date.
- May 27*—Examinations for Matriculation in Arts, Law and Medicine begin.
- June 6*—First Thursday.—Statutory meeting of the Council at 3 p.m. Payment of second moiety of Third Year Scholarships.
- June 7*—CONFERRING OF DEGREES, 3 p.m. Annual meeting of Convocation at 4.30 p.m. Nomination of Representatives.

N.B.—The Practical Examinations of the course in Medicine will be held in March or April, at a date to be selected by the Board of Studies.

The University of Manitoba.

The University of Manitoba, established by the Act of the Local Legislature in 1877, has the sole power of conferring Degrees in Arts, Law, and Medicine in the Province of Manitoba.

Degrees in Divinity may be granted by the various Colleges affiliated with the University, provided that all candidates for the Degree of Bachelor of Divinity, not graduates of this or any other University, shall have also passed examination in the subjects of the Arts Course prescribed by the University.

The government of the University is vested in the Chancellor, appointed by the Lieutenant-Governor-in-Council, and a Council of forty-seven members, composed of representatives from each of the affiliated Colleges, the members of Convocation, the College of Physicians and Surgeons of Manitoba, and the Provincial Government.

Officers of the University.

Visitor:

HIS HONOR THE LIEUTENANT-GOVERNOR.

The University Council, 1899-1900;

Chancellor—His Grace the Archbishop of Rupert's Land, D.D., LL.D.
Vice Chancellor—Hon. Joseph Dubuc, B.C.L.
Registrar—Prof. G. J. Laird, M.A., Ph.D.
Bursar—J. A. M. Aikins, M.A., Q.C.
Auditors { Hon. James E. P. Prendergast, LL.B.
 { J. C. Saul, M.A.

ST. BONIFACE COLLEGE REPRESENTATIVES.

| | |
|----------------------------|----------------------------------|
| Rev. Father Drummond, S.J. | Hon. J. E. P. Prendergast, LL.B. |
| Rev. A. A. Cherrier, Pte. | J. K. Barrett, LL.D. |
| Rev. J. Blain, S.J. | F. W. Russell, Esq. |
| Hon. Jos. Dubuc, B.C.L. | |

ST. JOHN'S COLLEGE REPRESENTATIVES.

| | |
|--------------------------------|---------------------------|
| The Bishop of Qu'Appelle, D.D. | Rev. Canon Coombes, M.A. |
| Rev. Dean O'Meara, M.A., D.D. | Prof. E. B. Kenrick, B.A. |
| Ven. Archd. Fortin, B.A., D.D. | H. Archibald, B.A. |
| Rev. Canon Matheson, B.D. | |

MANITOBA COLLEGE REPRESENTATIVES.

| | |
|-------------------------------|------------------------|
| Rev. Prof. Bryce, M.A., LL.D. | A. Dawson, M.A. |
| Rev. Prof. Hart, M.A., B.D. | Rev. Wm. Patrick, D.D. |
| Rev. Prof. Baird, M.A., B.D. | Rev. C. B. Pitblado. |
| Rev. F. B. Duval, D.D. | |

WESLEY COLLEGE REPRESENTATIVES.

| | |
|---------------------------|---------------------------------|
| Rev. J. W. Sparling, D.D. | Prof. G. J. Laird, M.A., Ph. D. |
| Rev. A. Stewart, D.D. | Prof. R. R. Cochrane, M.A. |
| J. B. Somerset, Esq. | J. H. Ashdown, Esq. |
| J. A. M. Aikins, M.A. | |

MANITOBA MEDICAL COLLEGE REPRESENTATIVES.

| | |
|-----------------------|-------------------|
| W. A. B. Hutton, M.D. | Gordon Bell, M.D. |
| J. O. Todd, M.D. | |

COLLEGE OF PHYSICIANS AND SURGEONS.

| | |
|-------------------------|-----------------------|
| J. R. Jones, M.D. | B. J. McConnell, M.D. |
| W. H. Smith, B.A., M.D. | J. S. Gray, M.D. |

REPRESENTATIVES FROM CONVOCATION.

| | |
|------------------------------|--------------------------|
| I. Pitblado, M.A., LL.B. | J. C. Saul, M.A. |
| E. W. Montgomery, B.A., M.D. | E. S. Popham, M.A., M.D. |
| H. H. Chown, B.A., M.D. | D. McIntyre, M.A. |
| W. A. McIntyre, B.A. | |

APPOINTEES OF PROVINCIAL GOVERNMENT.

| | |
|----------------------------|--------------------|
| Hon. Chief-Justice Killam. | W. E. Perdue, B.A. |
| Hon. Mr. Justice Richards. | G. D. Wilson, B.A. |

L.D.

The Board of Studies.

B.

The general superintendence of all examinations is entrusted to a Board called the Board of Studies, composed of members of the Council elected annually by each of the affiliated Colleges, two by the graduate representatives, two by the College of Physicians and Surgeons of Manitoba, and one by the Council.

It is the duty of the Board, also, to report to the Council, when they see fit, on the studies of the University, and other matters connected therewith, and generally to discharge all duties that may be assigned them by the Council.

MEMBERS OF THE BOARD, 1899-1900:

Chairman—Rev. Father Cherrier.
Secretary—I. Pitblado, M.A., LL.B.

| | |
|-----------------------------|-----------------------------|
| Rev. Father Drummond, S.J. | Prof. R. R. Cochrane, B.A. |
| Rev. Dean O'Meara, D.D. | Prof. G. J. Laird, Ph. D. |
| Rev. Canon Matheson, B.D. | J. R. Jones, M. D. |
| Rev. Prof. Bryce, LL.D. | W. A. B. Hutton, M.D., C.M. |
| Rev. Prof. Hart, M.A., B.D. | J. C. Saul, M. A. |
| | W. A. McIntyre, B. A. |

Standing Committees of the University.

COMMITTEE ON STANDING:

The Registrar. Rev. Professor Hart.
Professor Laird. Dr. J. R. Jones.

LAND COMMITTEE:

Representing the University Council:

Rev. Canon Matheson, Chairman.
Mr. Alex. Dawson, J. P. Mr. J. H. Ashdown.

Representing the Provincial Government:

Hon. Thos. Davidson, M.P.P. Hon. C. Campbell, M.P.P.
(Mr. R. G. McDonald, Secretary.)

FINANCE COMMITTEE:

Rev. Prof. Bryce, LL.D., Chairman.
Rev. Canon Matheson. Mr. J. A. M. Aikins.
Dr. E. W. Montgomery. Professor Laird.
Mr. I. Pitblado.

BUILDING COMMITTEE:

Rev. Dr. Bryce, Chairman.
Professor Laird, Secretary.
Mr. Heber Archibald. Mr. J. A. M. Aikins.
Mr. D. McIntyre. Mr. J. H. Ashdown.
Dr. H. H. Chown. Dr. J. R. Jones.
Mr. I. Pitblado. Dr. J. K. Barrett.

Convocation.

Convocation consists of the Chancellor, the Vice-Chancellor, the members of the Council, all University graduates in Manitoba registered in 1877, all graduates of the University, and graduates in Theology from any of the Colleges affiliated with the University.

The annual meeting of Convocation is held immediately after the public conferring of degrees by the University, at which time nominations of candidates for representation on the Council are made.

Announcement.

Heretofore the University has had no permanent home of its own, and all the educational work has been carried on in the following affiliated Colleges :

In Arts—St. Boniface College, St. John's College, Manitoba College, Wesley College.

In Medicine—Manitoba Medical College.

These Colleges have the entire control of their internal affairs, studies, worship and religious teaching.

Recently, however, the University has received a gift of several acres of land from the Provincial Government, situate on Broadway street, directly opposite the Government Buildings, and have erected thereon a building for the purpose of giving instruction in the various Departments of Natural and Physical Science, and intended also to contain the Administrative Offices and the Library of the University.

Lectureships have also been established as follows, and the following gentlemen appointed to take charge :

REV. GEORGE BRYCE, M.A., LL.D.—Biology and Geology.

GEORGE JACKSON LAIRD, M. A., Ph. D.—Physics, with Mineralogy and Lithology.

EDGAR BOTELER KENRICK, B.A.—Chemistry.

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FACULTY OF ARTS

COURSE OF STUDY

Matriculation Examination

NOTE 1.—All candidates for this Examination shall take the following fixed subjects: Latin, Mathematics, English (French for French-speaking students), History, Physics, and an option of either (1) Greek, or (2) French (English for French-speaking students) and German.

NOTE 2.—The Examination may be taken at the Regular Annual Examinations at one time, or may be divided into the following two parts which, however, must be taken in the order as here given: Part I—Latin, English Grammar, Arithmetic, English History, Canadian History; Part II—Latin (two papers), Algebra, Euclid, English Composition, English Literature, Physics, and either (1) Greek (two papers), or (2) French (two papers) and German (two papers).

NOTE 3.—Candidates who fail in not more than one paper of Part I., and not more than two papers of Part II., may take a Supplemental Examination in the papers in which they have failed. In case of a student failing in one paper of Part I., he may take that paper when writing on Part II.

NOTE 4.—All French-speaking students may take in lieu of English Grammar, French Grammar; in lieu of English Composition, French Composition; in lieu of English Literature, French Literature; and in lieu of French (two papers), English (two papers).

PART I.

CLASSICS

Latin—Henderson and Fletcher's First Latin Book, pages 1 to 191 (inclusive), together with:

1901.—*Viri Romae*, first 15 chapters (Ginn & Co.).

1902.—CORNELIUS NEPOS—Lives of Themistocles, Aristides and Hannibal.

MATHEMATICS.

Arithmetic.

GRAMMAR AND HISTORY.

Grammar—West's English Grammar; or
Sengler's Grammaire Française.*English History*—Green's History, Chapter IX, Sections
6-10 and Chapter X; or
Drioux, Histoire d'Angleterre, from
1485 to 1830.*Canadian History*—Clement's History of Canada; or
Laverdière, Histoire du Canada.

PART II.

CLASSICS.

1. *Latin*.—Translation into English (or French) of passages from prescribed texts.

Translation at sight (with the aid of vocabularies) of passages from some easy prose author, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the prescribed texts by additional practice in the translation of Latin.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation into Latin of sentences and of easy narrative passages based upon the prescribed prose texts.

The following are the prescribed texts:—

1901. VIRGIL, *Æneid*, Book II.
CÆSAR, *Bellum Gallicum*, Books II and III.
1902. VIRGIL, *Æneid*, Book II, (1-505).
CÆSAR, *Bellum Gallicum*, Book IV (omitting Chapter 17), and Book V, Chapters 1-23.

Two papers as follows :

(a) VIRGIL and CÆSAR—(One paper of 3 hours.)

LATIN GRAMMAR, Prose Composition and Sight Work.
Henderson and Fletcher's First Latin Book. (One paper of 3 hours.)

2. *Greek*—Translation into English (or French) of passages from prescribed texts.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation into Greek of sentences and of easy narrative passages based upon the prescribed prose texts.

The following is the prescribed text :

1901 { Selections from XENOPHON, *Anabasis I.*, in White's
Beginner's Greek Book.

Two papers as follows :

(a) XENOPHON.—(One paper of 3 hours.)

(b) GREEK GRAMMAR, with simple prose composition. (One paper of 3 hours.)

MATHEMATICS.

1. *Algebra*—Elementary Rules; easy factoring; highest common measure; lowest common multiple; square root; fractions; simple equations of one, two and three unknown quantities; indices; surds; easy quadratic equations of one and two unknown quantities.—C. Smith's *Elementary Algebra*.

2. *Euclid*—Books I., II., III. (Hall and Stevens' or Todhunter, revised by Loney.)

Euclid's definitions will be required, and no axioms or postulates except Euclid's may be assumed unless in the case of the 12th axiom.

The actual proof of propositions as given in Euclid will not be required, but no proof of any proposition occurring in Euclid will be admitted, in which use is made of any proposition, which, in Euclid's order, occurs subsequently. The enunciations will be set according to Euclid. Abbreviations for words may be used, but not the algebraical symbols + and - , or indices.

(The definitions, axioms, postulates, enunciations, as required, will be found in Hall and Stevens' or Todhunter's Euclid.)

ENGLISH.

1. *Rhetoric and Composition*—

(a) The investigation of rhetorical principles along the lines laid down in Genung's "Outlines of Rhetoric."

(b) The writing of an essay shall be required. A choice of subjects shall be allowed, and the essay shall be dealt with rather as a test of the candidate's power of English Composition than as a proof of his knowledge of the subject written upon. The essay shall not be more than two pages of foolscap in length, and shall be accompanied by the plan upon which it was constructed.

1901. *Outlines of Rhetoric*—Genung (Ginn & Co.).
(One paper of 3 hours.)

2. *Poetical Literature*—Intelligent comprehension of, and familiarity with, the prescribed texts, shall be required, and the candidate shall be expected to have memorized some of the finest passages.

1901. TENNYSON—The Holy Grail; Recollections of the Arabian Nights; The Poet; The Lady of Shalott; The Lotus-Eaters; The Day Dream; Morte d'Arthur; The Brook; The Voyage. (One paper of 3 hours.)

FRENCH EQUIVALENTS.

In lieu of the English the following will be the French equivalents for French-speaking candidates:

1. (a) *Grammaire et Principes de Littérature*—L'Examen roulera surtout sur des passages non prescrits.

(b) *Composition*—On n'exigera qu'un essai, ayant pour but de montrer la manière d'écrire du candidat, plutôt que la science qu'il peut avoir du sujet traité. Une écriture lisible, une orthographe et une ponctuation correctes seront regardées comme indispensables, et l'on fera spécialement attention au style. Le candidat pourra choisir parmi plusieurs sujets, dont quelques-uns seront calqués sur les auteurs prescrits, avec lesquels il est censé s'être familiarisé par une lecture attentive. On suggère que l'essai devrait couvrir à peu près deux pages grand format ; mais il va sans dire que c'est la qualité, non la quantité, qui comptera.

1901 { FÉNELON—Télémaque.
 { LA BRUYÈRE—Caractères.
 (Examen écrit de 3 heures.)

2. *Poétique*—Les textes prescrits devront être bien compris du candidat et lui être familiers ; il est aussi censé avoir appris par cœur quelques-uns des plus beaux passages.

1901 { RACINE—Esther.
 { MOLIÈRE—Le Misanthrope.

The following text books are recommended :

French Grammar, SENGLER.
 Rhetoric, BOYLESVE.

FRENCH.

1. (a) *Grammar*.

(b) *Composition*—(1) Translation into French of short sentences as a test of the candidate's knowledge of grammatical forms and structure, and the formation in French of sentences of similar character ; and (2) Translation of easy passages from English into French.

2. *Authors*—Translation of unspecified passages from easy French Authors. An Examination on the following texts :

- 1901 { JULES VERNE—L'Expedition de la Jeune-Hardie.
 { DAUDET—Trois Contes Choisis.
 { MALOT—Sans Famille (Heath & Co.).

ENGLISH EQUIVALENTS.

In lieu of the French, the following will be the English for French-speaking students :

1. (a) *Grammaire*—(Anglaise.)

(b) *Composition*—(1) Traduire du français en anglais quelques phrases assez courtes, qui montrent que le candidat sait appliquer les règles de la grammaire ; construire quelques phrases anglaises du même genre. (2) Traduire en anglais quelques passages faciles de prose française.

2. *Auteurs*—Version tirée d'auteurs anglais faciles à comprendre et non connus d'avance. Examen sur les auteurs prescrits :

- 1901 { LAMB—Essays of Elia, First Series. (First fourteen
 { essays.)
 { DICKENS—A Christmas Carol.

English Grammar—West.

GERMAN.

1. (a) *Grammar*.

(b) *Composition*—(1) Translation into German of short English sentences as a test of the Candidate's knowledge of grammatical forms and structure, and the formation in German of sentences of similar character ; and (2) Translation of easy passages from English into German.

2. *Authors*—Translation of unspecified passages from easy German Authors. An examination on the following text :

1901. LEANDER—Träumereien.

ELEMENTARY SCIENCE.

Physics—No text-book is fixed in Physics, but the following schedule has been prepared, and the subjects of this schedule will be treated along the lines to be found in the "High School Physical Science," Part I. :—

Use of metre rule; use of calipers and vernier for more accurate metric measurements (e.g., diameters of wires, thickness of glass plates, etc.); numerical calculations in the metric system.

Use of balance.

Specific gravity, by specific gravity bottle and hydrostatic balance, of liquids and solids.

Boyle's law; barometer; diffusion of gases.

Use of Fahrenheit and Centigrade thermometers: determination of zero and boiling point; boiling point dependent on pressure.

Expansion of solids, liquids and gases; examples.

Transmutation of matter; indestructibility of matter.

Solution, precipitation, crystallization and evaporation.

(One paper of 3 hours.)

A student shall be entitled to Matriculate who has passed the Matriculation Examination, or who produces a certificate from the Acting Head of one of the affiliated Colleges, that he has been admitted into that College as a student for the University, or who has received in the University a standing equivalent to that given by the Matriculation or any higher Examination.

Only Matriculated Students shall be admitted to any higher examination.

Each paper of this Examination shall be considered a separate subject in considering failures.

A candidate in order to pass in any subject must have 34 per cent. of the marks in that subject, and to pass the whole examination, and be placed in III Class, he must have 40 per cent. on the aggregate of the marks. If he fail to obtain 40

per cent., he shall be required to take the whole examination again.

To obtain Second Class standing, he must have 50 per cent. on the aggregate of the ordinary papers.

To obtain First Class standing, he must have 67 per cent. on the aggregate of the ordinary papers.

Candidates for the Matriculation Examination who present Second Class teachers' certificates obtained in Manitoba not earlier than 1885, shall be granted the desired standing, on passing the subjects for the Matriculation Examination in Latin and in one of the following groups: (a) Greek; (b) French and German.

N.B.—Students passing the Matriculation Examination may obtain from the Department of Education for Manitoba a Second Class non-professional Teacher's Certificate, upon passing examinations in Book-keeping, Agriculture, Music, Drawing and Botany.

Undergraduate Course

FIRST YEAR

NOTE 1.—All English speaking candidates for the Examination of the First Year must take the fixed subjects, Latin, Mathematics, English, History and Chemistry; and an option of either (a) Greek; or (b) French and German.

NOTE 2.—Le Premier Examen pour les candidats de langue française embrasse le Latin, les Mathématiques, le Français, l'Histoire et la Chimie, et de plus: (a) soit le Grec; (b) soit l'Anglais et l'Allemand.

NOTE 3.—Candidates for the Examination of the First Year, who present First Class teachers' certificates, obtained in Manitoba not earlier than 1885, shall be granted the desired standing on passing the subjects for the Examination in Latin and in one of the following groups: (a) Greek; (b) French and German.

CLASSICS

1. *Latin.*—(a) HORACE—Odes, Book III. (Omitting VII., X., XV., XX., XXVI. } 1901
CICERO—In Catilinam I., and Pro Archia. }
VIRGIL—Æneid, Book IX. } 1902
LIVY—Book XXI. }
- (b) Grammar—Allen and Greenough, with special reference to Part I.
Composition—Fletcher and Henderson's Latin Prose Composition to page 149, inclusive, together with continuous prose composition based on authors read.
2. *Greek.*—(a) HOMER—Iliad, Book I. } 1901
LYSIAS—Contra Eratosthenem }
HOMER—Odyssey, Book IX. } 1902
THUCYDIDES—Rise of the Athenian Empire. (Selections by COLSON). }

- (b) Grammar—Goodwin's Greek Grammar.
Composition—Pitman's Introduction to
Greek Prose Composition (Macmillan &
Co.).
-

MATHEMATICS

1. *Algebra*.—Including Equations, Ratio, Proportion, Variation, the Progressions, Interest Forms, Annuities, The Remainder Theorem and its Applications, Symmetry. (C. Smith's Elementary Algebra.)

2. *Euclid*.—Book IV; Book V., Definitions; Book VI, Props. 1, 2, 3, A, 4, 33 (Hall & Stevens.)

ENGLISH LANGUAGE AND LITERATURE

1. Critical reading of the following:

1901 { SHAKESPEARE—Hamlet.
 { MILTON—L'Allegro, Il Penseroso, Lycidas.

1902 { SHAKESPEARE—As You Like it.
 { TENNYSON—The Princess.

2. *Rhetoric and Composition*.—(a) The reading of selections from prose authors in connection with the investigation of rhetorical principles, along the lines of Genung's "Outlines of Rhetoric."

(b) Questions shall be set to test the candidate's familiarity with the prescribed selections and his intelligent and appreciative comprehension of the same.

(c) An essay shall be required on one of a number of assigned subjects which will be based on the prescribed selections.

1901 BREWSTER—Studies in Structure and Style. The seven essays. (Macmillan & Co.)

1902. GEORGE ELIOT—The Mill on the Floss—to be studied along the lines of Thompson's Philosophy of Fiction.

(Two papers of 3 hours each.)

FRENCH EQUIVALENTS

In lieu of the above English, the following shall be the French equivalents for French-speaking students:

1. Étude critique de quelques pièces choisies de Boileau et de Bornier.

1901 { BOILEAU—Épîtres.
DE BORNIER—La Fille de Roland.

1902 { BOILEAU—Satires.
DRURY—Ni Dieu ni Maître.

2. *Principes de Littérature et Composition* (a) Lecture des auteurs choisis pour y découvrir l'application des principes littéraires.

(b) Des questions seront posées au candidat pour constater s'il comprend bien les morceaux choisis et s'il peut motiver le jugement qu'il en porte.

(c) On exigera un essai sur un des sujets qui seront proposés à son choix en imitation des auteurs indiqués.

1901. Extraits d'auteurs français (classe de seconde). Les Chroniqueurs français (Montaigne, lettres du XVIII^e siècle, J. J. Rousseau) par les PP. Doize, Hamon, etc. (Mame).

1902. COPPÉE—La Bonne Souffrance.

HISTORY

1901. *History of Greece*.—Myers.

1902. *History of Rome*.—Dr. William Smith's Smaller History. (Revised Edition, American Book Co.)

FOR FRENCH-SPEAKING STUDENTS:

1901. *Histoire de la Grèce—Ancienne.*—Abbe P. Gagnal.
(Poussiélgue).
1902. *Histoire Romaine.*—Le même. (Poussiélgue).

 FRENCH

1. *Grammar and Composition.*—Writing easy French from dictation; Translation from English into French; Translation of unspecified passages from easy modern French prose. (Grandgent's Composition.)

2. An examination on prescribed texts.

- 1901 { RACINE—*Athalie.*
 { HALÉVY—*L'Abbé Constantin.* (Heath & Co.)
- 1902 { MOLIERE—*Les Femmes Savantes.*
 { P. LOTI—*Pêcheur d'Islande.*

ENGLISH EQUIVALENTS

In lieu of the above French, the following will be the English for French-speaking students:

1. *Grammaire et Composition.*—Ecrire à la dictée de l'anglais facile; traduire du français en anglais; traduire de l'anglais en français certains passages tirés de prosateurs modernes faciles à comprendre et non connus d'avance.

2. Examen sur les auteurs prescrits.

- 1901 { SHAKESPEARE—*The Merchant of Venice.*
 { GOLDSMITH—*The Vicar of Wakefield.*
- 1902 { LONGFELLOW—*Evangeline.*
 { IRVING—*Selections from the Sketch Book.*
-

GERMAN

1. *Grammar and Composition.*--Writing easy German from dictation; Translation from English into German; Translation of unspecified passages from easy modern German prose.

2. An examination on prescribed texts.

1901 { DREI KLEINE LUSTSPIELE--(Heath & Co.)
 { ELSTER--Zwischen den Schlachten. (Macmillan.)

1902 { RIEHL--Der Fluch der Schönheit.
 { FREYTAG--Die Journalisten.

NATURAL SCIENCE

Chemistry.--To be treated in accordance with the following schedule:

The Fundamental Laws of Chemistry--Indestructibility of matter and energy. The Laws of combination.

The Atomic Theory.

Classification of the Elements--(i) Into metals and non-metals, physical characters of metals and non-metals, chemical characteristics of each as shown in the properties of their respective oxides. (ii) According to valency. (iii) Natural classification, taking into account all the properties.

Descriptive Chemistry.--The descriptive chemistry will be confined mainly to a study of the elements in Groups I, II, and VII. of Mendelieff's First Table, and to the remaining elements in series 2 and 3. In the treatment of the subject the Periodic Law will be kept constantly in view.

The student will be expected to know the formulæ of the chief compounds of the above elements, and the salt-forming properties of their oxides. He must also be acquainted with the general methods of preparing acids and salts.

In addition to the chemistry of the elements themselves, the chemistry of the following compounds will be treated at more or less length:

Water, hydrogen peroxide;
The oxides of carbon ;
Methane, ethylene and acetylene—with a brief reference to the classes of carbon compounds which form the subject-matter of organic chemistry ;
Nitric acid, ammonia ;
Phosphoretted hydrogen ;
Sulphur dioxide, sulphuretted hydrogen, sulphuric acid ;
Hydrochloric acid.
Questions of practical every-day importance, such as combustion, respiration, ventilation, fermentation, fertilizers, etc., will be discussed, but matters of purely technological interest—such as metallurgical operations—will be omitted.

Text Book.—Remsen's Briefer Course. (Latest Edition).

No student shall be allowed to go up to any higher examination until he has passed in all the subjects of this examination.

Each paper of this examination shall be regarded as a separate subject in considering failures.

A candidate, in order to pass in any subject, must have 34 per cent. of the marks in that subject, and to pass the whole examination and be placed in III Class, he must have 40 per cent. of the aggregate of the marks assigned. If he fail to obtain 40 per cent., he shall be required to take the whole examination again.

To obtain Second Class standing he must have 50 per cent. on the aggregate of the ordinary papers.

To obtain First Class standing he must have 67 per cent. on the aggregate of the ordinary papers.

SECOND YEAR

NOTE 1.—All English-speaking candidates for the Examination of the Second Year must take the fixed subjects Latin, Mathematics, English History, Logic and Zoology or Physical Geography; and an option of either (a) Greek, or (b) French and German.

NOTE 2.—A Student who intends to take one of the Special Courses of the Third and Fourth Years, shall also be required to take the subject or subjects indicated by an asterisk (*) in the department which he proposes to take.

NOTE 3.—L'examen de l'année deuxième pour les candidats de langue française embrasse le Latin, les Mathématiques, le Français, l'Histoire, la Logique et la Zoologie ou la Physiographie, et de plus : (a) soit le Grec; (b) soit l'Anglais et l'Allemand.

CLASSICS

1. *Latin*.—(a) VIRGIL—Æneid, Book IX } 1902
LIVY—Book XXI. }
 - (b) Grammar.—Allen and Greenough, with special reference to Part II.
Composition.—Fletcher & Henderson's Latin Prose Composition together with continuous prose composition based on authors read.
 - (c) *HORACE—Ars Poetica.
 2. *Greek*.—(a) HOMER—Odyssey, Book IX. } 1902
THUCYDIDES—Rise of the Athenian Empire. (Selections by COLSON.) }
 - (b) Grammar and Composition.—Sidgwick's Greek Prose Composition, Exercises 50 to 90 (inclusive).
 - (c) *EURIPIDES—Alcestis.
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MATHEMATICS

Trigonometry—Trigonometrical Ratios with their relation to each other; Sines, etc., of the sum and difference of Angles with deduced formulas; Solution of Triangles, Expressions for the Area of Triangles; Radii of Circumscribed, Inscribed and Escribed Circles, Quadrilaterals and Polygons. (Hamblin Smith.)

Use of mathematical tables (Wentworth and Hill).

**Euclid*—Books VI., XI., and XII., propositions 1 and 2. (Hall and Stevens); and *Geometrical Conics* (Besant's Elementary Geometrical Conics).

ENGLISH LANGUAGE AND LITERATURE.

1. Critical reading of the following:

1902 { SHAKESPEARE—As You Like it.
TENNYSON—The Princess.

2. *Rhetoric and Composition*.—(a) The reading of selections from prose Authors in connection with the investigation of rhetorical principles, along the lines of Genung's "Outlines of Rhetoric."

(b) Questions shall be set to test the candidate's familiarity with the prescribed selections and his intelligent and appreciative comprehension of the same.

(c) An essay shall be required on one of a number of assigned subjects which will be based on the prescribed selections.

1902. GEORGE ELIOT—The Mill on the Floss—to be studied along the lines of Thompson's Philosophy of Fiction.

(Two papers of 3 hours each.)

3. *SHELLEY—Adonais.

FRENCH EQUIVALENTS

In lieu of the above English, the following shall be the French equivalents for French-speaking students:

1. Étude critique de quelques pièces choisies de Boileau et de Drury.

1902 {BOILEAU—Satires.
{DRURY—Ni Dieu ni Maître.

2. *Principes de Littérature et Composition* (a) Lecture des auteurs choisis pour y découvrir l'application des principes littéraires.

(b) Des questions seront posées au candidat pour constater s'il comprend bien les morceaux choisis et s'il peut motiver le jugement qu'il en porte.

(c) On exigera un essai sur un des sujets qui seront proposés à son choix en imitation des auteurs indiqués.

1902. COPPÉE—~~La~~ Bonne Souffrance.

3. *MOLIÈRE—Les Femmes Savantes.

HISTORY

1902. *History of Rome*.—Dr. William Smith's Smaller History.

For French speaking students:

1902. *Histoire Romaine*.—Ancienne — Abbe P. Gagnal. (Poussiellegue).

FRENCH

1. *Grammar and Composition*.—Writing easy French from dictation; Translation from English into French; Translation of unspecified passages from easy modern French prose. (Grandgent's Composition.)

2. An examination on prescribed texts.

1902 { MOLIÈRE—Les Femmes Savantes.
P. LOTI—Pêcheur d'Islande.

3. *Sight work in Translation, and Prose Composition.

ENGLISH EQUIVALENTS

In lieu of the above French, the following shall be the English for French-speaking students :

1. *Grammaire et Composition*—Ecrire à la dictée de l'anglais facile ; traduire du français en anglais ; traduire de l'anglais en français certains passages tirés de prosateurs modernes faciles à comprendre et non connus d'avance.

2. Examen sur les auteurs prescrits.

1902 { LONGFELLOW—Evangeline.
IRVING—Selections from The Sketch Book.

GERMAN

1. *Grammar and Composition*.—Writing easy German from dictation ; Translation from English into German ; Translation of unspecified passages from easy modern German prose.

2. An examination on prescribed texts.

1902 { RIEHL—Der Fluch der Schenheit
FREYTAG—Die Journalisten.

3. *Sight work in Translation, and Prose Composition.

PHILOSOPHY

Logic.—Creighton ; or, for French students—Russo.

**History of Philosophy*—Weber's History, (Socrates, Plato and Aristotle ; The English Sensational School, Locke, Bacon and Hobbes ; The Idealist School—Descartes, Leibnitz, Spinoza) ; or, for French students—Vallet.

NATURAL SCIENCE

Zoology—Packard's Briefer Course, with lectures and practical work along the line of treatment of the author.

Physical Geography—Davis.

**Chemistry*—Remsen's Briefer Course.

No student shall be allowed to go up for any higher examination until he has passed in all the subjects of this examination.

Each paper of this examination shall be regarded as a separate subject in considering failures.

In this examination 100 marks shall be allowed for each paper, and the same percentages are required as for the examination of the First Year.

THIRD AND FOURTH YEARS

After completing the First and Second Years a student may proceed to a Degree in Arts by pursuing either one of two methods, viz. :

A. The GENERAL COURSE for the B.A. Degree.

B. A SPECIAL COURSE of study for the B.A. Degree.

No student will be admitted to the Final Examination until at least two years after passing the Examination of the the Second Year.

In the General Course, and in all the Special Courses (except Mathematics and Modern Languages) a student must obtain 25 per cent. on each paper and 40 per cent. on the total in order to pass. In case a student fail on three papers or less, he shall be allowed a supplemental examination if he makes 40 per cent. on the total. If he fail on more than three papers, or fail to take 40 per cent. on the total, he shall be required to take the whole examination again. 67 per cent. is required for first class and 50 per cent. for second class.

For the marks required for classification in Mathematics and Modern Languages, students will consult the announcements concerning those departments.

A.—GENERAL COURSE FOR THE B.A. DEGREE

DIVISION A.

NOTE 1.—Candidates for this Examination must take the fixed subjects in Latin, English, Natural Science, Mental and Moral Science, and in one of the following groups: (a) Greek, (b) French and German.

NOTE 2.—All the subjects of Division A are to be taken in alternate years commencing with the Examination of May, 1900.

CLASSICS.

Latin—Grammar and Prose Composition.

LIVY—Book I.

CICERO—De Senectute.

Greek—Grammar and Prose Composition.

ÆSCHYLUS—Prometheus Vincetus.

LUCIAN—Charon and Vita.

MODERN LANGUAGES.

English—For English-speaking Students.

- (a) { CHAUCER—Prologue to Canterbury Tales.
MILTON—Paradise Lost, Book I.
TENNYSON—The Coming of Arthur; The Passing of Arthur; Guinevere.
SHAKESPEARE—Hamlet.
- (b) { SCOTT—Quentin Durward.
GEORGE ELIOT—The Mill on the Floss.
Rhetoric—Barrett Wendell's English Composition.
English Versification—(Parsons).

French—For French-speaking Students.

- { MOLIÈRE—Le Misanthrope.
CORNEILLE—Les Horaces.
RACINE—Les Plaideurs.
CHANTREL—Style et Composition.

French—For English-speaking Students.

(a) Grammar; Writing easy French from dictation. Translation from English into French. Translation of unspecified passages from easy modern French Prose.

(b) $\left\{ \begin{array}{l} \text{CORNEILLE—Le Cid.} \\ \text{RACINE—Britannicus.} \\ \text{BOSSUET—Henriette de France.} \\ \text{BEAUMARCHAIS—Le Barbier de Séville.} \end{array} \right.$

English—For French-speaking Students.

(a) Les élèves de langue française écriront une dictée anglaise, un thème anglais, et une version anglaise facile.

(b) COWPER—The Task, Book IV.
LAMB—Essays of Elia, first seven and last seven Essays.

German:

(a) Grammar; Writing easy German from dictation; Translation from English or French into German; Translation of unspecified passages from easy modern German prose.

(b) LESSING—Minna von Barnhelm.
GOETHE—Egmont.

NATURAL SCIENCE.

Physics—Paper II. (as outlined in the Statute relating to Pass Subjects of the Third and Fourth Years.)

Zoology—Ramsay Wright.

MENTAL AND MORAL SCIENCE.

Logic—Hill's Jevons.

Metaphysics—Hamilton's Lectures.

For French Students.

Logique—Fonsegrive.

Metaphysique—Fonsegrive.

There shall be fourteen papers set in this examination, for each of which three hours shall be assigned, unless otherwise specified; viz.: two in Latin, two in Greek, two in English, two in French, two in German, one in Physics, one in Zoology, one in Logic, and one in Metaphysics.

DIVISION B

NOTE 1.—Candidates for this examination must take the fixed subjects in Latin, English, Natural Science, Mental and Moral Science, Political Economy, and in one of the following groups: (a) Greek, (b) French and German.

NOTE 2.—Political Economy is to be taken only at the Final Examination. All other subjects of Division B are to be taken in alternate years, commencing with the Examination of May, 1899.

CLASSICS.

Latin—Grammar and Prose Composition

HORACE—Satires, I and 5.

OVID—Fasti, Book I.

VIRGIL—Georgics, Book I.

Greek—Grammar and Prose Composition.

HOMER—Odyssey, Book IX.

DEMOSTHENES—Philippic II.

MODERN LANGUAGES.

English—For English-speaking students.

- (a) { Selected Ballads (see Special Course).
 MILTON—Comus; L'Allegro; Il Penseroso.
 SHELLEY—Adonais; Gray—The Bard; Keats—The
 Grecian Ode.
 WORDSWORTH—Ode on the Intimations of Immortality.
- (b) { ADDISON—Sir Roger de Coverley.
 RUSKIN—Sesame and Lilies.
 EMERSON—Self Reliance.
 English Language (Lounsbury, Part I).
 Rhetoric—Barrett Wendell's English Composition.
 Versification (Parsons).

French—For French-speaking Students.

- { BOILEAU—Satires.
 RACINE—Iphigénie.
 CHANTREL—Rhétorique.

French—For English-speaking Students.

- (a) Grammar; Writing French from dictation; Translation from English into French; Translation of unspecified passages from easy modern French prose.
- (b) { LAMARTINE—Les Premières Méditations (Selections,
 Heath & Co's edition).
 GEORGE SAND—La Mare au Diable.
 VICTOR HUGO—Ruy Blas (Heath & Co's edition).
 DUMAS—Les Trois Mousquetaires (Macmillan's
 edition, by Goodwin).

English—For French-speaking Students.

(a) Les élèves de langue française écriront une dictée anglaise, un thème anglais et une version anglaise facile.

- (b) WORDSWORTH—Excursion, Book I.
 IRVING—Sketch Book, Six Essays. (Ginn & Co.)

German :

(a) Grammar; Writing German from dictation; Translation of unspecified passages from easy modern German prose; Translation from English into German.

(b) SCHILLER—Wilhelm Tell.
GOETHE—Hermann and Dorothea.

NATURAL SCIENCE.

Physics—Paper I (as outlined in the Statutes relating to Pass Subjects of the Third and Fourth Years.)

Geology—Elementary Text Book. DANA.

MENTAL AND MORAL SCIENCE.

Ethics—MCKENZIE.

{ *Political Economy*—MILL (Laughlin).
{ *English Constitution*—BAGEHOT.

For French-Speaking Students.

Morale—FONSEGRIVE.

{ *Economie Politique*—HERVE-BAZIN.
{ *Constitution Britannique*—Conférences du Juge Dubuc.

There shall be fourteen papers set in this examination, for each of which three hours shall be assigned unless otherwise specified; viz: two in Latin, two in Greek, two in English, two in French, two in German, two in Natural Science, one in Ethics, and one in Political Economy.

**B—SPECIAL COURSES FOR THE
B.A. DEGREE**

For those students who are desirous of obtaining a more thorough knowledge of some one department than is afforded by the General B.A. Course, the following Special Courses of Study have been drawn up and adopted by the University Council: I, Classics; II, Mathematics; III, Modern Languages; IV., Natural Science; V., Mental and Moral Science.

Each Course is divided into two parts, one for the Third and the other for the Fourth Year Examination.

Every candidate proceeding to a degree by any of these Special Courses, must satisfy the examiners in the subjects as hereinafter set forth, viz., for those who take the course in:

Classics—Physics (two papers), Ethics, Logic.

Mathematics—Physics (two papers), Ethics, Logic, English.

Modern Languages—Physics (two papers), Ethics, Logic.

Natural Science—English, Ethics, Logic, and option of Latin, Greek, French, German or Psychology.

Mental and Moral Science—Physics (two papers), English, and option of Latin, Greek, French or German.

The candidate must present himself for examination in these subjects in accordance with the following schedule:

1902

And Every Alternate Year.

Classics—Physics (Paper II.), Logic.

Mathematics—Physics (Paper II.), English, Logic.

Modern Languages—Physics (Paper II.), Logic.

Natural Science—English, Logic.

Mental and Moral Science—Physics (Paper II.), English.

1901

And Every Alternate Year.

Classics—Physics (Paper I.), Ethics.

Mathematics—Physics (Paper I.), Ethics.

- Modern Languages*—Physics (Paper I.) Ethics.
Natural Science—Ethics, and option of Latin, Greek, French, German or Psychology.
Mental and Moral Science—Physics (Paper I.), and option of Latin, Greek, French or German.

The following are the prescribed texts :

Latin—Virgil, Georgics, Book I.

Greek—Aristotle, Ethics, Book I.

English—

- | | |
|---|--|
| { | CHAUCER—Prologue to Canterbury Tales. |
| | MILTON—Paradise Lost (Book I). |
| | TENNYSON—The Coming of Arthur; The Passing of Arthur; Guinevere. |
| | SHAKESPEARE—Hamlet. |
- Rhetoric—Barrett Wendell's English Composition.
 English Versification (Parsons).

French—

German—Schiller, Wilhelm Tell.

Ethics—McKenzie.

Psychology—Stout.

Physics : Paper I., Dynamics, Statics, Hydrostatics, and Sound.

Physics : Paper II., Heat, Light and Electricity.

The subject of Physics will, as far as possible be treated experimentally, and in such a manner that no higher mathematical knowledge than the Elements of Plane Trigonometry will be required. The course is defined as follows:

PART I.

Statics :—Properties of matter; Definitions of velocity, acceleration, mass, density, weight, gravitation, momentum, force, moment, couple, energy, work, centre of inertia; Statement of Newton's laws of motion; Composition and resolution of forces; Atwood's machine; Pendular and oscillatory motion; C. G. S. System of Units.

Hydrostatics :—Definition of a fluid, fluid pressure at a point, transmission of fluid pressure, resultant fluid pressure,

specific gravity, Boyle's law, barometers, air pumps, water pumps, siphon, capillarity, osmose.

Sound :—The production of sound, physical theory of music, velocity, pitch, intensity, quality, harmony, resonance, interference, musical intervals, theory of beats, vibrations of plates, rods, &c., organ pipes, sensitive flames.

PART II.

Dynamics :—Properties of matter, molecular constitution, velocity, mass, weight, density, momentum, force, energy, work.

Heat :—Effects of heat, temperature, thermometry, diffusion and transference of heat (conduction and radiation), calorimetry (specific and latent heat), hygrometry, Law of Charles, dynamical theory of heat, mechanical equivalent, heat engines, conservation of energy.

Light :—Undulatory theory, general laws of radiant energy, photometry, laws of intensity of light, velocity of light, reflection, refraction, dispersion, color, construction and use of optical instruments, achromatism, aberration, spectroscopy, absorption, spectrum analysis, polarization.

Magnetism :—Laws of magnetic action, methods of making magnets, lines of force, magnetic field, magnetic induction, theory of magnetism, dia-magnetism, system of units.

Electricity :—Laws of electrical action, static electricity, potential, capacity, induction, condensers, electrometers; current electricity, batteries, E. M. F., resistance, Ohm's law, Ampère's laws, induced currents, electrolysis, thermo-electricity, magneto-electricity and electro-magnetism (dynamoes and motors), electric lighting, telegraph, telephone, accumulators, system of electrical units, electro-magnetic theory of light, relation between light and electricity.

If any candidate be prevented by illness or any other sufficient cause from attending part of the Final Examination of any Course, it shall be competent for the Examiners, if he has not obtained sufficient marks for passing, to recommend him for an Ordinary Degree if he has acquitted himself so far with credit.

I.—SPECIAL COURSE IN CLASSICS

Students pursuing this course of study must also satisfy the Examiners in the following subjects :

1901. Physics—(Dynamics, Statics, Hydrostatics and Sound), Ethics.
 1902. Physics—(Heat, Light and Electricity), Logic.

DIVISION A

PART I.

1900 and every alternate year.

1. { CICERO—De Senectute.
 LIVY—Book I.
 VIRGIL—Æneid, Books VI.-IX.
 HORACE—Odes, Book III.; Epistles 1, 2 and 3.

2. { LUCIAN—Charon and Vita.
 HOMER—Iliad, Books III. and VI.
 ÆSCHYLUS—Prometheus Vincetus.
 XENOPHON—Memorabilia, Book I.

3. { PLINY—Letters 1, 2, 3, 4, 5, 6, 59, 90, 91.
 JUVENAL—Satire X.
 THUCYDIDES—Book I.
 PLATO—Phædo.

PART II.

Nos. 4, 5 and 6 in 1901 and every alternate year.
 Nos. 7, 8 and 9 annually for Third Year students.

4. { CICERO—Pro Milone.
 VIRGIL—{ Georgics—Book I.
 Bucolics—Ecl. 1, 3, 4, 6, 7, 9.
 HORACE—Ars Poetica; Satires 1 and 5.

5. { HERODOTUS—Book I, Cap. 1—100.
 CHRYSOSTOM—Flavian.
 HOMER—Odyssey, Books IX. and XXIII.
 EURIPIDES—Medea.

- 6 { AUGUSTINE—Confessions, Book VIII.
 OVID—Fasti, Book I.
 DEMOSTHENES—Philippic II.
 SOPHOCLES—Ajax.

7 Latin Grammar and Prose Composition.

8 Greek Grammar and Prose Composition.

- 9 { Student's Roman History. (Riddell)
 Student's Greek History. (Smith.)

DIVISION B

Annually for students of the Fourth Year only.

- 10 { PLAUTUS—Aulularia.
 TERENCE—Andria.
 TACITUS—Annals, Book I.
 TERTULLIAN—Apologia, Sec. 1-4. (incl.)

- 11 { ARISTOTLE—Ethics, Book I.
 ARISTOPHANES—The Birds.
 THEOCRITUS—Idylls, 1, 2, 3.

12 Unspecified Latin Authors.

13 Unspecified Greek Authors.

14 Latin Grammar.

15 Greek Grammar.

16 Latin Prose Composition.

17 Greek Prose Composition.

- 18 { Grecian History—Peloponnesian War—Curtius.
 Roman History—From the Gracchi to the Fall of the
 Republic—Merivale.

Three papers in translation of the selected authors of either the 1st or 2nd Part of Division A, along with the papers on Grammar, Composition and History of the 2nd Part, may be taken one year after the regular Examination of the Second Year.

The remaining subjects cannot be taken sooner than two years after said Examination of the Second Year.

Eighteen papers of three hours each, corresponding to the numbers given above, must be taken for First-Class Standing. Division A alone will entitle the candidate to Third-Class Standing.

II.—SPECIAL COURSE IN MATHEMATICS

Students pursuing this course of study must also satisfy the Examiners in the following subjects :—

1901. Physics—(Dynamics, Statics, Hydrostatics and Sound,) Ethics.
 1902. Physics—(Heat, Light and Electricity,) English, Logic.

DIVISION A

PART I.

1. *Geometry*—Euclid—Books I. to VI., omitting the Propositions of Book V., and Propositions 27, 28, 29 of Book VI.; Book XI., Propositions 1 to 21; Book XII., Propositions 1 and 2. (Hall and Stevens.)

Conic Sections—The Elementary parts treated Geometrically, together with the values of the Radius of Curvature and of Chords of Curvature passing through the focus and centre. (Besant's Elem. Conics.)

2. *Arithmetic and the Elementary parts of Algebra*—The Elementary parts of Algebra shall be the rules for the fundamental operations upon Algebraical Symbols, with their proofs; the solution of Simple and Quadratic Equations; Arithmetic, Geometric and Harmonic Progressions; Ratio, Proportion and Variation; Permutations and Combinations; the Binomial Theorem, and the Principles of Logarithms. (C. Smith's Elementary Algebra.)

Plane Trigonometry—The Elementary parts, so far as to include the Solution of Triangles, Areas, and the properties of the inscribed, escribed and circumscribed circles and polygons. (Hamblin Smith.)

3. *Statics*—The Elementary parts, namely: The Composition and Resolution of forces acting in one plane at a point, Parallel Forces, Forces acting in one plane on a rigid body, the Mechanical Powers and the properties of the Centre of Gravity. (Loney's Elements of Statics.)

Dynamics—The Elementary parts, namely: The Doctrine of Uniform and Uniformly Accelerated Motion of Falling Bodies, Projectiles, and Collision. (Loney's Elements of Dynamics.)

PART II.

4. *Algebra*—The higher parts, not including Properties of Numbers, Diophantine Analysis and Probabilities, but including Logarithms, Theory of Equations and Determinants. (Hall and Knight's Higher Algebra, omitting Chapters 29, 30, 31 and 32.)
5. *Trigonometry*—Plane and Spherical. (Todhunter & Hogg's Plane Trigonometry and McLelland & Preston's Spherical Trigonometry, Part I.)
6. *Analytical Geometry*—Plane. (C. Smith, chapters I-IX. inclusive.)
7. *Problems* on all subjects of Parts I. and II., Div. A.

DIVISION B

PART I.

8. *Hydrostatics*—The elementary parts, viz.: The Pressure of non-Elastic Fluids, Specific Gravities, Floating Bodies, the Pressure of the Air, and the construction and use of simple instruments and machines. (Besant's Elementary Hydrostatics, Chaps. I.-VII. incl.)
- Optics*—The elementary parts, viz.: The Laws of Reflection and Refraction of Rays at Plane and Spherical Surfaces, not including aberrations; the Eye; Telescopes. (Parkinson, chapters 1, 5, 9, 10, 11, omitting for Part I., Division B., the articles requiring a knowledge of Part II., Division B.)
9. *Newton's Principia*—The First, Second and Third Sections—the propositions to be proved in Newton's manner. (Main's Edition of Evan's Newton.)
- Astronomy*—The elementary parts, as far as they are necessary for the explanation of the more simple Phenomena. (Parker's Elements of Astronomy).
10. *Problems* on all subjects of Part I. of Divisions A. and B.

PART II.

11. *Differential Calculus*.—(Todhunter.)
12. *Integral Calculus*.—(Todhunter, Caps. 1, 2, 3, 5, 6, 7, 8.)
Solid Geometry.—(C. Smith, Caps. I. to V. inclusive.)
13. *Statics*.—Todhunter's *Analytical Statics*, 5th Ed., Caps. I to X. inclusive, and the catenary in Cap. XI.
Geometrical Optics.—Parkinson, omitting the following portions: Cap. VI.; articles 128 to 134 of Cap. VII.; articles 145, 146, 150 of Cap. VIII.; articles 160-163 of Cap. IX.; and article 256, Cap. X.
14. *Hydromechanics*.—(Besant, Part I. Ed., 1883, Caps. I. to VII. inclusive, omitting article 36, page 44.)
Dynamics.—(Tait and Steele's *Dynamics of a particle*, Caps. I.-V. inclusive.)
15. Problems on all subjects of Part II. of Divisions A. and B.

For this examination there shall be fifteen papers of three hours each, corresponding to the numbers given above.

Each of the papers on specified subjects in Part I. of both Divisions shall be valued at 200 marks, and in Part II. of both Divisions at 500 marks. In Part II., Division B, paper thirteen, 300 marks are given for Statics and 200 for Optics.

The problem paper in Part I. shall be valued at 400 marks, and in Part II. at 1000.

The number of marks required for First Class shall be 2,600, for Second Class 1,800, and for Third Class 400 in Part I., and 1,200 in Parts I. and II. together.

No paper in Division B can be taken in the Third Year.

III.—SPECIAL COURSE IN MODERN LANGUAGES

Students pursuing this course of study must also satisfy the Examiners in the following subjects:—

1901. Physics—(Dynamics, Statics, Hydrostatics and Sound), Ethics.
 1902. Physics—(Heat, Light and Electricity), Logic.

DIVISION A

The subjects marked with an asterisk (*) are to be taken by the students of the Final Year only, and are to be read independently.

1901 and every alternate year.

ENGLISH

NOTE:—Parts marked (a) to be read critically. Those marked (b) to be studied carefully—the examination to be confined to broad literary characteristics and not to bear on minute points in regard to text, allusion, or introduction.

1. (a) Selected Ballads: 13 from Gummere's "Old English Ballads," pp. 68, 94, 116, 123, 144, 162, 191, 195, 197, 200, 231, 260, 265.
 - MILTON—Comus; L'Allegro; Il Penseroso.
 - * SHELLEY—Prometheus Unbound.
- (b) COLERIDGE—The Ancient Mariner.
 SHAKESPEARE—The Tempest.
2. (a) SHELLEY—Adonais.
 - * MILTON—Lycidas.
 - GRAY—The Bard.
 - KEATS—On a Grecian Urn.
 - WORDSWORTH—Ode on the Intimations of Immortality.
 - * Selected Sonnets: Shakespeare: Nos. 29, 30, 33; Milton: On his Blindness, The Lord General Cromwell, On Being Arrived to the Age of 23.

- (b) TENNYSON—In Memoriam.
 SHELLEY—To the West Wind.
 KEATS—To a Nightingale; Autumn.
 LOWELL—Commemoration Ode.
 * Selected Sonnets: "Sonnets of the Century,"
 (pub. Walter Scott, Ltd); Wordsworth:
 "Scorn Not the Sonnet," and Nos. 26,
 112, 264, 265, 267, 268.
 WETHERELL—Later Canadian Poems: 1893 edition.
 Twenty selections, beginning on the fol-
 lowing pages: 14, 29, 49, 56, 65, 78, 93,
 104, 108, 127, 135, 146, 147, 161, 164,
 171, 175, 180, 184, 186.

3. (a) ADDISON—Sir Roger de Coverley.
 * MATTHEW ARNO: D—Culture and Anarchy; Func-
 tion of Criticism.
 RUSKIN—Sesame and Lilies
 EMERSON—Self-reliance.
 (b) DE QUINCEY—Joan of Arc.
 * BURKE—Conciliation with America.
 CARLYLE—Lectures on Heroes; Odin; Mahomet.
 MACAULAY—Warren/Hastings.
 LAMB—Essays of Elia: The Two Races of Men; A
 Quaker's Meeting; Imperfect Sympa-
 thies; The Praise of Chimney Sweeps;
 A Chapter on Ears.
 4. History of Literature of XIX Century: (SAINTSBURY).
 English Language: (LOUNSBURY, part I)
 Rhetoric: Barrett Wendell's English Composition.
 Versification: (PARSONS).

FRENCH

5. BERNARDIN DE ST. PIERRE—Paul et Virginie.
 CHATEAUBRIAND—Atala.
 BALZAC—Eugénie Grandet.
 LAMARTINE—Les Premières Méditations (Selections
 I.-XV.)
 GEORGES SAND—La Mare au Diable.

6. VICTOR HUGO—Ruy Blas, Les Chants du Crépuscule
I.-XX. * Les Misérables (selections).
DUMAS—Les Trois Mousquetaires.
A. DAUDET—Les Lettres de Mons. Moulin.
* Les Fleurs de la Poésie Canadienne, (selections).
History of the Literature of the 19th Century.
(PELLISSIER.)
7. Grammar and Composition, Conversation and Translation from Unspecified Authors.

GERMAN

8. GOETHE—Hermann und Dorothea.
SCHILLER—Wilhelm Tell.
SCHEFFEL—Ekkehard.
HAUPTMANN—Die Versunkene Glocke.
* SCHILLER—Wallenstein's Tod.
GOSTWICK AND HARRISON—VII. Period.
9. GOETHE—Faust, Part I.
HEINE—Selected Poems. (ed. White)
* HERDER—Kleinere Prosaschriften, Baendchen. I. and II. (Velhagen and Klasing)
10. Grammar and Composition, Conversation and Translation from Unspecified Authors.

DIVISION B

1902 and every alternate year.

ENGLISH

NOTE:—Parts marked (a) to be read critically. Those marked (b) to be studied carefully—the examination to be confined to broad literary characteristics, and not to bear on minute points in regard to text, allusion, or introduction.

1. (a) CHAUCER—Prologue to Canterbury Tales.
MILTON—Paradise Lost, Book I.
TENNYSON—The Idylls of the King; The Coming of Arthur; The Passing of Arthur; Guinevere; * Gareth and Lynette.
POPE—The Rape of the Lock.
DRYDEN—Absalom and Achitophel.
- (b) CHAUCER—The Knight's Tale.
SPENSER—The Faerie Queene, Book I.
* TENNYSON—The Princess.
MILTON—Paradise Lost, Books II. and III.
TENNYSON—The 8 remaining Idylls not mentioned in 1(a).
* DRYDEN—McFlecknoe.
2. (a) SHAKESPEARE—Love's Labor's Lost; *Richard II.; Hamlet.
SHERIDAN—The Rivals.
- (b) SHAKESPEARE—* Comedy of Errors; Coriolanus; King Lear.
MARLOWE—Edward II.
3. (a) SCOTT—Quentin Durward.
GEORGE ELIOT—The Mill on the Floss.
THACKERAY—Pendennis.
- (b) * SWIFT—Gulliver's Travels, Books I, and II.
DEFOE—Robinson Crusoe, Chapters 1 to 27.
WASHINGTON IRVING—Rip Van Winkle; Ichabod Crane.
NATHANIEL HAWTHORNE—The Marble Faun.

4. History of Literature of Elizabethan Era. (SAINTS-BURY).
Rhetoric: Barrett Wendell's English Composition
English Versification: (PARSONS.)

FRENCH

5. CORNEILLE—Horace, Le Cid, *Polyeucte.
MOLIERE—Le Misanthrope, Le Bourgeois Gentilhomme, *L'Avare.
RACINE—Britannicus, Les Plaideurs, *Iphigénie.
BOSSUET—Henriette de France.
BOILEAU—Le Lutrin.
6. LA FONTAINE—Fables, Livres I. et II.
VOLTAIRE—Mérope.
BAUMARCHAIS—Le Barbier de Séville.
History of the Literature of the 17th Century.
(SAINTSBURY, fifth edition, Book 3, pages 246 to 366. Clar. Press.)
BRACHET—Grammaire Historique, Introduction.
7. Grammar and Composition, Conversation and Translation from Unspecified Authors.

GERMAN

8. LESSING—Minna von Barnhelm.
GOETHE—Egmont.
CHAMISSO—Peter Schlemihl.
* FREYTAG—Soll und Haben. (Abdg., Bultmann, Ginn & Co.)
GOSTWICK AND HARRISON—I., II., V. and VI. Periods.
9. EICHENDORFF—Aus dem Leben eines Taugenichts.
GOETHE—Iphigenie auf Tauris.
HERDER—Ausgewählte Dichtungen, III., IV., V. (Cotta's Schulausgaben Deutscher Classiker.)
WIELAND—Oberon, 8 and 9.
* SCHILLER—Maria Stuart.
10. Grammar and Composition, Conversation and Translation from Unspecified Authors.

A student in order to pass in either Division A or B, must obtain 40 per cent. of the aggregate marks given for the Division. Failing to obtain this percentage the student shall be required to again present himself for examination on all the subjects of the Division, at a subsequent regular examination.

A student obtaining an average of 40 per cent. on the whole division, but failing to obtain 40 per cent. of the marks given for any one of the three languages, shall be required to write on all the papers of that language again; but a student obtaining more than 40 per cent. on the aggregate of the papers of any language and not obtaining 34 per cent. of the marks on any paper shall be required to write on such paper again.

The papers on Composition, etc., in both French and German, shall receive 60 marks for Grammar and Composition, 20 marks for Conversation, and 20 marks for Unspecified Authors.

In the department of English, in each division, four essays shall be given by each candidate to the Registrar at stated times during the session, on topics to be assigned. No student shall be allowed to write on the examination unless these essays have been passed by the examiners as "satisfactory."

The subjects and authors for this course shall from time to time be appointed by Ordinance of the Council.

There shall be twenty papers set in this course, ten in each division.

IV.—SPECIAL COURSE IN NATURAL SCIENCE

Students pursuing this course of study must also satisfy the Examiners in the following subjects:—

- 1901—Ethics, and an option of Latin, Greek, French, German, or Psychology.
1902—English, Logic.

DIVISION A

1. *Chemistry—Inorganic*—With Laboratory practice.
2. *Qualitative Inorganic Analysis.*
3. *Physics*—PART I.—Mechanics, Hydrostatics and Sound (to be taken in alternate years, beginning with the examination of 1901.)
PART II.—Heat, Light, Electricity and Magnetism (to be taken in alternate years, beginning with the examination of 1900).
4. *Mineralogy*—Crystallography and Descriptive Mineralogy.
5. *Botany*—Elements of Structural Botany, with Practical work with the microscope. (Bessey's or Gray's Manual, Strassberger and Hillhouse's Practical Botany.)
6. *Zoology*—(Packard.)

DIVISION B

1. *Chemistry*—(a) Inorganic and Organic, with Laboratory practice.
(b) The Chemical Laws of Mass and Energy.
(c) Chemical Analysis—Qualitative and Quantitative.
2. *Physics*—PART I—Mechanics, Hydrostatics and Sound (to be taken in alternate years, beginning with the examination of 1901).

PART II.—Heat, Light, Electricity and Magnetism (to be taken in alternate years, beginning with the examination of 1900).

3. *Mineralogy*—Descriptive and Determinative. (Bauer-
man's Descriptive Mineralogy; Brush's or Chapman's Tables.)

4. *Geology*—Including the Elements of Lithology.

(a) *Principles and Elements of Lithology*. (Dana's
Manual.)

(b) *Stratigraphical*—With special reference to local forma-
tions. (Dana's Manual, Dawson's Handbook of Canadian
Geology and Reports of the Geological Survey of Canada.)

(c) *Palæontology*—Nicholson.

5. *Systematic Botany*—Bessey and Gray.

This examination shall consist of nineteen papers, including the practical examinations, as follows: In Division A—three in Chemistry, two in Physics, one in Mineralogy, two in Botany, and one in Zoology; in Division B—Three in Chemistry, one in Physics, two in Mineralogy, one in Palæontology, two in Geology, and one in Botany.

A candidate may appear for examination in the subjects of Division A one year after the regular Examination of the Second Year at which he first attended. The subjects of Division B cannot be taken sooner than two years after the said Examination of the Second Year. The subjects of the two Divisions A and B, may be taken together at the end of two years, after said examination.

There shall be three classes, and the successful candidates shall be arranged in the classes in order of merit, but where the difference of marks is small the names may be bracketed.

No student shall be allowed to take any Third or Fourth Year examination in the Special Course of Natural Science who does not present from the Science Committee of the University or from an affiliated College of the University, a certificate of having attended 75 per cent. of the lectures delivered in each subject of such course.

V.—SPECIAL COURSE IN MENTAL AND MORAL SCIENCE

Students pursuing this course of study must also satisfy the Examiners in the following subjects :—

1901. Physics—(Dynamics, Statics, Hydrostatics and Sound,) and an option of Latin, Greek, French or German.
 1902. Physics—(Heat, Light and Electricity), English.

DIVISION A

1902 and every alternate year.

PART I.

- Logic*—Thomson's Outlines.
Ontology—Locke.
Psychology—Stout.
Natural Theology—Janet's Final Causes.

PART II.

- Logic*—Mill.
Ontology—Kant's Critique.
Psychology—Hamilton's Metaphysics.
Natural Theology—Flint's Anti-Theistic Theories.

DIVISION B

1901 and every alternate year.

PART I.

- History of Philosophy*—(Ancient)—Windelband -- Large print only (Cushman).
Political Economy—Walker's Political Economy, and Bagehot's English Constitution.
Ethics—McKenzie.
Ethics—Spencer's Data of Ethics.

PART II.

- History of Philosophy*—(Modern)—Weber, third part
Modern Philosophy (Thilly.)
Political Economy—Mill (Laughlin's Edition).
Ethics—Janet's Theory of Ethics.
Ethics—Sidgwick's History of Ethics.

In this Examination sixteen papers of three hours each shall be set. One paper in each subject.

LATIN COURSE.

DIVISIONS A AND B.

PART I.

- ZIGLIARA.—Summa Philosophica.
BOSELLY.—Philosophia Divi Thomæ.
VALLET.—Prælectiones Philosophicæ.
HILL.—Elements of Philosophy.
LIBERATORE.—Logica et Metaphysica.
DR. T. OLIVIER.—Traité Élémentaire d'Economie Politique.
BOSSUET.—Connaissance de Dieu. Logique de Port Royal.
SANSEVERINO.—Philosophia Christiana.
LE PLAY.—La Réforme Chrétienne.
RUSSO.—Summa Philosophica. De Philosophia Morali
Prælectiones.

PART II.

- KLEUTGEN.—Philosophie Scolastique.
SIGNORIELLO.—Ethica.
JOSEPH DE MAISTRE.—Soirées de St. Petersburg.
HILL.—Ethics.
JOUIN.—Philosophia Moralis.
CHARLES PERIN.—Les Richesses.
HERVE-BAZIN.—Economie Politique.
LIBERATORE.—Connaissance Intellectuelle.

SCHEDULE OF THE COURSE.

1.—LOGIC.

FORMAL.—*Conception*.—Cognition in General; Intuition and Conception; Formation of Conceptions; Genus, Species and Individual; Extension and Intention; Division, Definition and Denomination; General Notions.

Judgment.—Nature and relation of Judgments: two predicable classes—various kinds of Judgment; quantity, modality, distribution of terms; intention and extension of Judgments.

Syllogism.—Nature of Syllogism: Opposition; Conversion of Judgment; Privative Syllogism; General Principles of Mediate Inference; the four figures and their rules; modes of Syllogism; disjunction of Syllogism; the Sorites; the Dilemma.

APPLIED.—Criterion of Truth; Induction and Deduction; Degrees of Belief; Defective Syllogism; Syllogisms of Analogy, Chance and Classification; Fallacies; Categories; Definition and Division; Division of Sciences; Method.

2.—ONTOLOGY AND COSMOLOGY.

Cause and Effect, Identity and Diversity, Substance, Quantity, Quality, Relation, Body, Power, Time, Space, Infinity, Laws of Nature.

3.—PSYCHOLOGY.

Consciousness, Sensation, Perception, Memory, Imagination, the Will, the Emotions and Affections.

4. NATURAL THEOLOGY.

The Existence of God, the Attributes of God, Creation, Preservation, Providence.

5. HISTORY OF PHILOSOPHY.

ANCIENT.—*Pre-Socratic*.—Ionians; Pythagoreans; Eleatics; Atomists, and the Sophists.

Socratic.—Socrates and his immediate School, Anaxagoras, Aristippus, Euclid.

Post-Socratic.—Plato, Aristotle, Epicureanism, Stoicism, Scepticism, Neo-Platonism, Gnosticism, Early Christian Philosophy.

MEDIEVAL.—Scotus Erigena; Nominalism; Roscelin; Realism; Anselm; Thomas Aquinas; Bonaventura; Albertus Magnus; Duns Scotus.

MODERN.—*Various Schools and their Representatives*:

Empiricism—Bacon, Hobbes, Locke.

Spiritualism—Descartes, Spinoza, Leibnitz, Malebranche, Berkeley.

Scepticism—Hume.

Eclecticism—Cousin, Jouffroy.

The Scotch School—Reid, Brown, Mackintosh.

6. POLITICAL ECONOMY.

INDUSTRIAL ECONOMY—Wants, Requisites of Production, Invention, Labor, Capital, Association, Exchange, Money, Barter, Price of Commodities, Credit, Rent of Land.

SOCIAL ECONOMY—Progress of National Prosperity, Support and Influence of Government, Protection and Free Trade, Various Modes of Taxation, Progress of Society.

THE BRITISH CONSTITUTION.

7. ETHICS.

Definition of an action.

The End in Human Actions.

The Moral Quality of the Act.

Conscience.

Duties to God.

Duties arising out of Domestic Relations.
 Personal Rights.
 Law—on what founded.
 Theories of the State.
 International Organization of the State.
 Duties to the State.
 Foreign Relations of the State.

ADDITIONAL SUBJECTS FOR SECOND PART.

Logic, Language, Consciousness, Sensation, Evidence.
 Psychology, the nature of the Soul, its Union with the body
 its origin, its immortality.
 History of Philosophy, Oriental Philosophy; Egypt, Persia,
 India, Brahminism, Buddhism, China, Confucius—
 Lao Tseu.
Empiricism—Condillac, Helvetius, D'Holbach.
Positivism—Comte, Mill, Bain.
The German School—Kant, Fichte, Schelling, Hegel.
The Scotch School—Hamilton.
The Italian School—Gerdil, Rosmini, Gioberti.
The Traditional School—DeMaistre, DeBonald, Schlegel, De-
 Laménais.

FACULTY OF MEDICINE

The following are the requisites for proceeding in course to admission to the degrees of Doctor of Medicine and Master of Surgery :

DOCTOR OF MEDICINE.

1. Having presented documentary evidence to the Registrar that the applicant is a Bachelor or Doctor of Medicine of some recognized University in Her Majesty's Dominions, or

2. Either having passed :

(a) The Matriculation Examination in Arts or Medicine, or the examination of the First Year in Arts of this University ;

(b) The Medical Matriculation Examination of a University recognized by the University of Manitoba ; or,

(c) Having presented certificates to the Registrar of equivalent or higher standing in some recognized University in Her Majesty's Dominions, and having complied with the other requirements hereinafter specified.

MATRICULATION EXAMINATION.

All candidates for the Matriculation Examination must take the following fixed subjects :

1. Latin.
2. Mathematics, embracing Arithmetic, Algebra and Euclid.
3. English.
4. History.
5. Botany. (Spotton's High School Botany.)
6. Physics, embracing also Sound, Light, Electricity and Magnetism.

In the examination in Physics and Botany 100 marks shall be assigned in each subject; in every other case this examination shall be the same as that prescribed for both Parts I. and II. of the Arts Matriculation Examination, and the same standard shall be required to entitle the candidate to pass.

This Matriculation Examination shall be held twice a year, viz. : in May, beginning on the fourth Monday, and in October, beginning on the first Tuesday. There shall be no Supplemental Examination granted except at these dates. Only Matriculated Students shall be allowed to present themselves for any higher examination.

In place of the above Matriculation Examination the University has agreed to accept the Matriculation of the College of Physicians and Surgeons of the Provinces of Quebec and Ontario; the Medical Students' Registration Certificate of the Medical Council of Great Britain and Ireland; the non-professional Second-Class Teachers' Certificates of Manitoba, Ontario and the North-West Territories; also the Ontario High School Intermediate and Junior Leaving Examinations; except that the Latin and the compulsory Natural Science of the Matriculation Examination of the University must be taken by those who have not taken these subjects in the said High School or Teachers' Examination.

Holders of certificates of educational value from other institutions than those mentioned, will receive such standing as the Council of the University may see fit to grant.

A Bachelor of Arts of any University in Her Majesty's Dominions is admitted to the study of medicine without further examination.

After fulfilling the requirements in reference to the Matriculation Examination, the candidate shall pass four examinations before taking the degree, viz. : First, Second, Third and Fourth Year examinations. Prior to presenting himself for each of these examinations, he shall produce sufficiently certified tickets, from some University, College or School, recognized by the University of Manitoba, for the courses of lectures specified hereinafter.

FIRST YEAR EXAMINATION.

The student must produce tickets for one full course of not less than 75 lectures each (unless otherwise stated), extending over one full Winter Session of eight months, upon the following subjects, viz. :

1. Anatomy.
2. Practical Anatomy.
3. Physiology.
4. Inorganic Chemistry (60 lectures).
5. Histology, (25 lectures of two hours each, with laboratory practice.)

On these tickets being accepted, he shall be required to satisfy the examiners on the following portions of the subjects named:—Anatomy of the bones, muscles and ligaments; Practical Anatomy to the same extent; Physiology of digestion, circulation, and respiration; the full course of Inorganic Chemistry and of Histology.

SECOND YEAR EXAMINATION.

The student must produce tickets for two full courses of not less than 75 lectures each (unless otherwise stated), extending over two full Winter Sessions upon the following subjects, viz.:

1. Anatomy.
2. Practical Anatomy (two full dissections, extending over two Winter Sessions).
3. Physiology.
4. Practical Chemistry, with special reference to Medical Chemistry (40 lectures of two hours each).
5. Organic Chemistry (one course of 40 lectures).
6. Materia Medica and Therapeutics (one course of 75 lectures.)

On these tickets being accepted, he shall be required to satisfy the Examiners in each of the subjects named, except in Therapeutics.

THIRD YEAR EXAMINATION.

The student must produce tickets for one full course of not less than 40 lectures each (unless otherwise stated), extending over one Winter Session upon the following subjects:—

1. *Materia Medica* and Therapeutics, (a second course of not less than 75 lectures).
2. Surgical Anatomy.
3. Medical Jurisprudence.
4. Pathology (one course of 25 lectures of two hours each with laboratory practice).

On these tickets being accepted, he shall be required to satisfy the Examiners in each of the subjects named.

FOURTH YEAR EXAMINATION.

Prior to a student presenting himself for this examination, he must lodge with the Registrar documentary evidence that he is of the full age of 21 years, and must also produce tickets for two full courses of not less than 75 lectures each (unless otherwise stated), in the following subjects, viz.:

1. Medicine.
2. Surgery.
3. Obstetrics and Diseases of Infancy (two courses of 50 lectures each).
4. Clinical Medicine (two courses of 100 lectures each).
5. Clinical Surgery (two courses of 100 lectures each).
6. Sanitary Science (one course of 50 lectures).
7. Gynæcology and Diseases of Childhood (two courses of 50 lectures each).

On these tickets being accepted, he shall be required to satisfy the Examiners in each of the subjects named.

He shall also furnish documentary evidence of attendance for twenty-four months at some incorporated General Hospital, and also of eight months' practice in a Lying-in Hospital, or of having had equivalent obstetrical advantages, with a certificate of attendance upon at least eight cases of labor, and also a certificate of having had three months' practice compounding medicine in a drug store or laboratory of an hospital, or of having attended twenty lectures in Practical Pharmacy at some Medical College or School, recognized by the University of Manitoba.

The tickets (except the General Hospital ticket) for examination must all be for attendance subsequent to the date when the candidate presenting them should have gone up for his Second Year Examination, and must extend over two full Winter Sessions of eight months each.

In the case of any student from another University taking *ad Eundem Statum* in this University, it shall be at the option of the Board of Studies to admit such a student, even although his tickets may conflict with the foregoing regulations, but no student from another University can be admitted to the Fourth Year Examination unless he has attended one full eight months' Winter Session, taking out all the Fourth Year tickets of a Medical School in this Province affiliated with this University.

When a student is a graduate in Arts of any recognized University in Her Majesty's Dominions, he may complete his medical course in three Winter Sessions of eight months each, and shall not be compelled to produce a ticket for Inorganic Chemistry, or to pass an examination in Inorganic Chemistry of the First Year, provided he shall satisfy the Board of Studies that he has already passed on such subject in his course in Arts. The tickets of such student in Medicine, Surgery, Obstetrics and Diseases of Women and Children, Medical Jurisprudence, Clinical Medicine, Clinical Surgery, Pathology, and Sanitary Science, must all be for attendance subsequent to the end of his first full Winter Session at College. Honor graduates in Natural Science shall not be required to present tickets, or pass an examination in Chemistry or Practical Chemistry.

A graduate in Arts may take either his second year and third year, or his third year and fourth year examinations at the same time.

By *sufficiently certified tickets* referred to in this Statute, it is meant that each ticket shall have entered upon it the number of lectures delivered on the subject, and the exact number of lectures attended by the student, and that each ticket shall be signed by the professor, and further that the student presenting the ticket shall have actually attended three-fourths of the whole number of lectures delivered on the subject. Such tickets must be lodged with the Registrar by the candidate, at least five days before the beginning of the examination for which he intends presenting himself.

Each lecture (unless otherwise stated) shall be of one hour's duration, and, as far as practicable, not more than one lecture on each subject shall be delivered on each separate day.

In the case of Candidates for License to practice medicine, their application shall be referred to the College of Physicians and Surgeons for Manitoba, and on that body giving a satisfactory certificate as to the education and practical training of such candidates, they shall be admitted to the regular examinations in *Materia Medica* and *Therapeutics* of the Third Year, and in all the subjects of the Fourth Year.

In the case of candidates who desire to practice the Homoeopathic system, special Examiners shall be appointed in *Materia Medica* and *Therapeutics*.

There shall be one paper for Pass and Honors in each subject, and the total value of each paper shall be one hundred marks. Fifty per cent. of the marks in each subject shall be required to satisfy the Examiners.

The examinations shall be written.

To obtain Honors in each subject, or in the whole examination, of any year, a candidate must obtain 75 per cent. of the marks given in each subject, or of the total marks given for the examination of the year.

Supplemental Examinations in the First, Second, Third and Fourth Years in Medicine will be allowed to those students who fail in not more than two subjects, providing their average on the whole examination reaches fifty per cent. of the total marks given, and such supplemental examinations will be allowed only at the time of the Regular Examinations in Medicine.

Students of the Fourth Year and Candidates for License who have failed in only one subject, will be granted a Supplemental Examination in the fall, at the time of the regular Supplemental Examinations.

The Examiners in Medicine shall be appointed by the Council on the nomination of the Board of Studies.

All Degrees in Medicine shall be conferred by the Council at its regular meetings or at meetings specially called for that purpose.

MASTER OF SURGERY.

The additional qualification to that required for the M. D. degree to obtain C. M., shall be to pass an examination in Operative Surgery and to write a Thesis, in the presence of the Examiners, on some assigned subject in Surgery.

The candidate must obtain 75 per cent. of the total marks in this examination in order to secure the C. M. degree.

FACULTY OF LAW

The following are the requisites for admission to the Degree of Bachelor of Law :

1. Having presented documentary evidence to the Registrar that the applicant is a Bachelor of Laws, or Bachelor of Civil Law, of some recognized University in Her Majesty's Dominions ; or,
2. Having passed the Matriculation Examination hereinafter mentioned, or having presented documentary evidence to the Registrar that the applicant has passed the Primary and First Intermediate Examinations of the Law Society of Manitoba ; and
 - (a) Being of the standing of three years from the time of passing the Matriculation Examination ;
 - (b) Having passed in each of those years the subjects hereinafter laid down for examination ;
 - (c) Being of the full age of twenty-one years.

Any person who is a graduate in Arts of any University in Her Majesty's Dominions, or who has been admitted a Barrister by the Law Society of Manitoba, may enter the Faculty of Law at the Second Year's Examination.

MATRICULATION EXAMINATION.

The subjects of this Examination shall be the same as those for the Matriculation Examination in Arts in the University of Manitoba, and the same standard shall be required to entitle the candidate to pass. (See page 13).

FIRST YEAR.

1. JEVONS.—Logic.
 2. BALDWIN.—Psychology.
 3. BAGEHOT.—English Constitution.
 4. O'SULLIVAN'S Canadian Manual. Civil Polity.
 5. TASWELL-LANGMEAD.—Constitutional History.
 6. WILLIAMS.—Real Property.
 7. ANSON.—Contracts.
 8. SNELL.—Equity.
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SECOND YEAR.

9. MAY.—Constitutional History.
 10. TODD.—Parliamentary Companion for the Colonies.
 11. GIBBON.—Roman Law, Cap. 44;
ARNOLD.—Roman Law, Caps. 13, 14, 16, 26.
 12. BEST.—Law of Evidence.
 13. UNDERHILL.—Law of Torts.
 14. LEITH.—Blackstone.
 15. FAWCETT.—Landlord and Tenant.
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FINAL YEAR.

16. JUSTINIAN.—(Sander's Edition.)—Roman Law.
 17. HALL.—International Law.
 18. VON SAVIGNY.—International Law.
 19. BROOM.—Constitutional Law.
 20. MAINE'S ANCIENT LAW.—Jurisprudence.
 21. HAWKINS on Wills, and the following Statutes of Manitoba:—The Devolution of Estates Act, The Wills Act of Manitoba, and the Real Property Act together with any amendments to said Acts.
 22. POLLOCK on Contracts.
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The percentages required in the Faculty of Law shall be the following:

34 per cent. on each subject; 50 per cent. on the total.

On the successful completion of this Course, the Degree of LL. B. shall be conferred upon candidates.

The time of the Examination shall be the same as that of the examination in Arts in each year.

All Degrees in Law shall be conferred by the Council at its regular meetings, or at meetings specially called for that purpose.

REGULATIONS, ETC.

EXAMINATIONS.

Candidates for any examination shall be subject to such rules as regards the giving in of their names, lodging certificates, paying fees and other matters connected with the Examination, and the Examination shall begin on such a day, and be continued at such a place, on such days, at such time, by such Examiners, and in such manner, as the Council may by Ordinance, where there is no provision by statute, from time to time appoint.

The *Regular University Examinations* for Undergraduates in all Faculties, begin on the third Monday in April in each year.

The *Examinations for Matriculation* in all Faculties begin on the fourth Monday in May, and for Matriculation in Medicine, also on the first Tuesday in October, in each year.

Supplemental Examinations begin on the first Tuesday in October in each year, and (except as otherwise provided) shall be allowed to those students who fail in not more than three subjects, provided that their average on the whole Examination is such as will admit of their being granted Third Class Standing, viz:

- (a) For Matriculation, 40 per cent.
- (b) For Arts, 40 per cent.
- (c) For Law, 50 per cent.
- (d) For Medicine, 50 per cent.

Students who fail in more than three subjects, or who do not obtain at least Third Class Standing in the total marks of

any University Examination, shall be required to again take the full work of the year at the regular examination.

In all cases, students who are entitled to Supplemental Examinations, and who fail to present themselves at the first regular Supplemental Examination, must, if they present themselves at a later date, comply with any changes which may have been made in the curriculum in the meantime.

Candidates for any Examination must, at least twenty days before the date of the Examination, make suitable application to the Registrar, from whom blank forms of application may be obtained. The required fee must accompany the application.

Every non-collegiate candidate at any Examination shall, along with his application for examination, forward to the Registrar a Certificate from some clergyman or other trustworthy person, that the candidate is of good moral character.

All examination papers are three hour papers.

Candidates for examination presenting second class or first class teachers' certificates, obtained in Manitoba not earlier than 1885, shall be granted *pro tanto* standing on such subjects of the Matriculation Examinations, and the examinations of the First and Second Years, as are covered by such certificates.

N.B.—The attention of students is drawn to the fact that the Council has recently ordered:

- (a) That all special papers for scholarships be abolished.
- (b) That the maximum marks in all papers of the Matriculation Examination, and the Examinations of the First and Second Years, be one hundred marks.
- (c) That the Governor-General's Bronze medal be awarded hereafter along with the Governor-General's Silver Medal at the Final Year in Arts in accordance with the schedule already drawn up, and that it shall take the place of the University Bronze Medal in accordance with such schedule.
- (d) That in the Matriculation, the First Year and the Second Year Examinations, the names of scholarship winners be arranged alphabetically.

(e) That in the class lists of the Matriculation, the First Year and the Second Year Examinations, the names of students be arranged alphabetically in each class.

(f) That the University in its reports make no mention of the institutions to which scholarship or medal winners belong.

(g) That in the class lists of the Matriculation Examination, and the Examinations of the First and Second Years, there shall be two divisions of Class I, viz: A, to contain the names of students who have obtained between 80 and 100 per cent., and B, for students who have obtained between 67 and 79 per cent.

ADMISSION "AD EUNDEM STATUM" AND "AD EUNDEM GRADUM."

Members of any other University in Her Majesty's Dominions who may apply for admission to this University, are not required to take the Entrance Examination of the Faculty to which they belong, but may be admitted *ad eundem statum* or *ad eundem gradum*, on presentation of their credentials, and payment of the required fee.

SCHOLARSHIPS, PRIZES, ETC.

1. Prizes shall be awarded to pupils of any school in the Province as follows:

(a) These prizes, to be called Isbister Prizes, shall be five in number, of the value of twenty dollars each, and shall be awarded on the aggregate of the marks of all papers set for Part I of the Matriculation Examination in Arts of the University of Manitoba.

One of these prizes shall be awarded to French-speaking students.

(b) Any successful candidate for these prizes must send in to the Registrar of the University a certificate of his having been in attendance at a public or private school in the Province of Manitoba for the greater part of the preceding school year.

2. Scholarships shall be awarded to students of the University as follows:

(a) At Part II of the MATRICULATION Examination, four scholarships of sixty dollars each shall be awarded on the Latin and Mathematical papers of the examination.

Two scholarships of forty dollars each shall be awarded to English-speaking students on English, and one scholarship of forty dollars to French-speaking students on French.

One scholarship of thirty dollars shall be awarded on Greek.

One scholarship of thirty dollars on the French and German papers of the course for English-speaking students of the Examination.

The successful candidate for a scholarship in this Examination must pass in each of the additional subjects required of him other than those in which he takes a scholarship in said Examination, and must obtain 50 per cent. of the aggregate marks of his whole Examination.

(b) At the Examination of the FIRST YEAR in Arts, five scholarships of sixty dollars each shall be awarded on the Latin, Mathematical and Chemistry papers of the Examination.

Two scholarships of forty dollars each shall be awarded to English-speaking students on the papers in English and History, and one scholarship of forty dollars to French-speaking students on the papers in French and History.

One scholarship of forty dollars on the Greek papers of the Examination.

One scholarship of forty dollars on the French and German papers of the course of English-speaking students of the Examination.

The successful candidate for a scholarship in this Examination must pass in each of the additional subjects required of him other than those in which he takes a scholarship in said Examination, and must obtain 50 per cent. of the aggregate marks of his whole examination.

(c) At the Examination of the SECOND YEAR in Arts, three scholarships of sixty dollars each shall be awarded on the Latin and Mathematical papers of the Examination.

Two scholarships of forty dollars each shall be awarded to English-speaking students on the papers in English and

History, and one scholarship of forty dollars to French-speaking students on the papers in French and History.

One scholarship of forty dollars on the Greek papers of the Examination.

One scholarship of forty dollars on the French and German papers of the course for English-speaking students of the Examination.

The successful candidate for a scholarship in this Examination must pass in each of the additional subjects required of him other than those in which he takes a scholarship in said Examination, and must obtain 50 per cent. of the aggregate marks of his whole examination.

(d) At the Examination of the THIRD YEAR in Arts, one scholarship of one hundred and twenty dollars and one of eighty dollars shall be awarded on the papers of said Examination in each of the following courses: (1) Classics, (2) Mathematics, (3) Natural Science, (4) Mental and Moral Science (English), (5) Mental and Moral Science (Latin), (6) Modern Languages, (7) General B.A. Course. The mode of payment of the scholarships awarded at the Third Year Examinations shall be as follows: One moiety of the scholarship shall be paid in December of the Fourth Year, and the second moiety on the first Thursday of June of the Fourth Year; but this second portion shall not be paid unless the holder of the scholarship obtain first-class in his Final Examination.

(e) Scholarships shall be awarded at the examination of the First, Second and Third years of the course for M. D. In each of the three years of the course there shall be awarded two scholarships of eighty dollars and fifty dollars, respectively. The mode of payment of the scholarships awarded at the Third Year examination shall be as follows: One moiety of the scholarship shall be paid in December of the Final Year, and the second moiety on the first Thursday of June of the Final Year; but the latter portion shall not be paid unless the holder of the scholarship obtain first class in his Final Examination.

3. On certification by the Chancellor and the Registrar or other person authorized by the Council, the several scholarships shall be paid by the Bursar of the University to the Bursar or Treasurer of each College, in moieties, on the second Wednesday of December and May, except in cases specially provided for in clause two, sub-sections (d) and (e).

4. (a) In the case of undergraduates the University requires before payment of the first moiety of the scholarships a certificate from the Head or Acting Head of the College that the student's attendance has been satisfactory up to the 8th day of December, and before the payment of the second moiety a similar certificate that the student's attendance has been satisfactory from January up to the beginning of May. And it is declared that the attendance at the College to be required of a student shall be *actual attendance for the full term of such college*, except in so far as non-attendance for a limited period by any particular student, may be excused by the college authorities on the ground of ill health or other proper reasons.

(b) Should the conditions in this section as to certification of a scholarship not be fulfilled during the two years immediately following the date of the taking of the scholarship, the scholarship shall lapse.

5. A student shall not be qualified to hold a scholarship unless he be placed in the first class in the aggregate of the subjects for which the scholarship is given, and unless he has passed in all the subjects required.

6. The values stated for the scholarships are the maximum values which the scholarships shall not exceed. If the funds do not allow of the scholarships being of such maximum value, then they shall be proportionally of such value as the funds will allow.

7. No student shall hold more than one scholarship. If a student succeeds in gaining more than one scholarship in any year, he will be allowed to choose which one he will take, and his name will be entered upon the list as having gained the other, though not entitled to any of the funds; and such other scholarship shall be granted to the one ranking next to him.

UNIVERSITY MEDALS.

A.—THE GOVERNOR-GENERAL'S MEDALS.

1. The Governor-General's *Silver* and *Bronze Medals* shall be awarded to the different Courses in Arts at the Final Examination in the following order, and shall take the place of the University Silver and Bronze Medals in the Course in which they are awarded :

| | |
|-----------|-------------------------------------|
| 1901..... | Mental and Moral Science (Latin). |
| 1902..... | Classics. |
| 1903..... | Mathematics. |
| 1904..... | Modern Languages. |
| 1905..... | Natural Science. |
| 1906..... | General B.A. |
| 1907..... | Mental and Moral Science (English). |

B.—UNIVERSITY MEDALS.

1. A *Silver Medal* shall be awarded annually to the Student obtaining the highest First-Class standing in each Course in Arts at the Final Examination, and to the Student obtaining the highest First-Class standing in the Final Examination in the LL.B. Course, and to the student obtaining the highest First-Class standing in the Final Year Examination in the Course in Medicine.

2. A *Bronze Medal* shall be awarded annually to the Student standing second in order of merit in each course in Arts at the Final Examination, provided his standing also be First-Class, and to the Student standing second in order of merit in the Final Examination of the LL.B. Course, provided his standing be First-Class, and to the student standing second in order of merit in the Fourth Year Examination in the Course in Medicine, provided his standing be first-class.

UNIVERSITY DRESS

No student shall present himself at any University Examination, or at any meeting of the University unless he be clothed in the Academic dress peculiar to his College.

DEGREES.

No degree will be conferred *in absentia* except when good reasons for absence have been submitted to, and approved of by the Board of Studies, or the Council.

DEGREE OF MASTER OF ARTS.

The following are the requirements for the M.A. degree :

1. The candidate must be a Bachelor of Arts of the University of Manitoba of at least three years' standing.
2. He must prepare, and submit to the Board of Studies, a thesis on some literary or scientific subject under the following rules:
 - (a) The subject of the thesis must first be submitted to the Board of Studies for approval.
 - (b) No paper previously read before any association, or which may have been published in any way, shall be accepted as a thesis.
 - (c) The thesis, if accepted, becomes the property of the University.
 - (d) At least six type-written or printed copies of the thesis must be forwarded to the Registrar, not later than the 1st of February of the year in which the degree may be granted.

UNIVERSITY HOODS.

The materials and colors prescribed by the Council for the Hoods to be worn by Graduates of the University in the various Faculties, are as follows :

B.A.—Black stuff, edged with white rabbit-skin, with a braid of green silk.

M.A.—Black corded silk, lined with scarlet corded silk.

M.D.—Black cashmere, lined with purple corded silk.

M D., C.M.—Black cashmere, lined with purple corded silk and edged with violet silk.

LL.B.—Black silk stuff, lined with white silk, edged with narrow white rabbit skin, and narrow green silk braid along the border.

The University insists on all hoods being made after the pattern of hoods made by Harcourt & Co., Toronto.

UNIVERSITY FEES.

The following fees are required, and must be paid to the Registrar in advance: (For examination and for the M.A. Degree, at time of application; for all other degrees, on or before the 15th day of May.)

| | |
|---|---------|
| For Registration..... | \$ 1 00 |
| For Matriculation (Part I.) | 2 00 |
| For Matriculation (Part II.)..... | 2 00 |
| For Matriculation (Parts I. and II.) | 4 00 |
| For each Supplemental Examination | 5 00 |
| For Certificate of Standing | 1 00 |
| For Students of Natural Science Spec'l Course (Tuition, \$25; for materials used, etc, \$5.00). | 30 00 |
| For Students of the General Course attending lectures | 10 00 |
| For Students of all other years in Arts attending lectures | 5 00 |
| For Admission <i>ad Eundem Statum</i> | 5 00 |
| For Admission <i>ad Eundem Gradum</i> | 5 00 |
| For the Degree of B.A. | 8 00 |
| For the Degree of M.A. | 15 00 |
| For the Degree of LL.B. | 10 00 |
| For the Degree of M.D. | 10 00 |
| For the Degree of C.M. | 15 00 |

A deposit will further be required from all students of the Special Course in Natural Science, at the discretion of the lecturers, not to exceed \$10.00.

Complete bound sets of the Examination Papers of 1898, 1899 or 1900 may be obtained from the Registrar for 50 cents each.