

FORM I.

1. *Reading (oral) and Principles of.*—A general knowledge of the principles of elocution ; reading with proper expression, emphasis, inflection, and force.
2. *Orthography and Orthoëpy.*—The pronunciation and syllabication, and the spelling from dictation, of passages from any English author, and the spelling of all non-technical-English words.
3. *English Grammar.*—Etymology and Syntax ; exercises.
4. *Composition.*—The framing of sentences and paragraphs ; familiar and business letters ; paraphrasing, synonyms ; correction of errors ; themes based on the prose literature prescribed for this Form.
5. *Literatur.*—The critical reading of such works as may be prescribed by the Education Department from time to time.
6. *History.*—The leading events of Canadian and English history
7. *Geography.*—Political, physical, and mathematical Geography. Map Geography generally, Canada and the British Empire more particularly.
8. *Arithmetic and Mensuration.*—Arithmetic in theory and practice ; areas of rectilinear figures, and volumes of right parallelepipeds and prisms ; the circle, sphere, cylinder, and cone ; Mental Arithmetic.
9. *Algebra.*—Elementary rules ; factoring ; greatest common measure ; least common multiple ; fractions ; simple equations of one, two, and three unknown quantities ; simple problems.
10. *Euclid.*—Book I., with easy problems.
12. *Physics.*—The elements of Physics, as treated in Huxley's Introductory Science Primer and Balfour Stewart's Science Primer.
14. *Botany.*—The elements of structural Botany, including systematic examinations of common plants selected to show variety of structure in the different organs ; true nature of the parts of the flower ; various forms of roots, structure and uses, how distinguished from underground stems ; various forms of stems, bulbs and tubers, herbs, shrubs and trees ; nature and position of buds ; forms and disposition of foliage leaves ; kinds of inflorescence, special forms of flower-leaves, morphology of the calyx, corolla, stamens, and pistil ; modifications of the flower due to adhesion, cohesion and suppression of parts ; classification of fruits ; the seed and its parts ; germination ; the vegetable cell ; protoplasm ; chlorophyll ; formation of new cells ; various kinds of tissues ; intercellular spaces ; structure of leaves ; exogenous and endogenous growth ; food of plants ; reproduction in flowering plants ; nature of the pollen-grain ; fertilization of the ovule ; reproduction in ferns, the spore. Outlines of classification ; examination and classification of common plants belonging to the following natural orders.—Ranunculaceæ, Crucifera, Malvaceæ, Leguminosæ, Rosaceæ, Sapindaceæ, Umbellifera, Compositæ, Labiata, Conifera, Araceæ, Liliaceæ, Triliaceæ, Iridaceæ, Gramineæ ; the characters and general properties of these orders.
15. *Latin.*—The Elementary Latin Book, grammar, composition, and the texts prescribed from time to time by the Education Department.
16. *Greek.*—The Elementary Greek Book.
17. *French.*—The Elementary French Book, grammar, composition, and the texts prescribed from time to time by the Education Department.
18. *German.*—The Elementary German Book, grammar, composition, and the texts prescribed from time to time by the Education Department.
19. *Writing.*
20. *Book-keeping.*—Single and double entry ; commercial forms ; general business transactions.
21. *Drawing.*—Freehand ; practical Geometry ; perspective ; industrial designs.
22. *Music.*—Vocal and Theoretical.

FORM II.

1. *Reading.*—Course for Form I. continued.
2. *Orthography and Orthoëpy.*—Course for Form I. continued.
3. *English Grammar.*—Course for Form I. continued. (As prescribed for the Pass Matriculation Examination of the University of Toronto.)
4. *Composition.*—Course for Form I. continued.
5. *Literature.*—The critical study of the texts prescribed from time to time for the Pass Matriculation Examination of the University of Toronto.
6. *English History (including Colonial History.)*—From William III. to George III., inclusive. Roman history from the commence-

ment of the second Punic War to the death of Augustus. Greek history from the Persian to the Peloponnesian Wars, both inclusive (University Pass.)

7. *Geography, Modern.*—North America and Europe. *Ancient.*—Greece, Italy, and Asia Minor.
8. *Arithmetic.*—Course for Form I. continued (University Pass).
9. *Algebra.*—To the end of Quadratics (University Pass).
10. *Geometry.*—Euclid books I., II., III. ; easy deductions (University Pass).
12. *Physics.*—Definitions of velocity, acceleration, mass, momentum, force, moment, couple, energy, work, centre of inertia, statement of Newton's Laws of Motion, composition and resolution of forces, condition for equilibrium of forces in one plane. Definition of a fluid, fluid pressure at a point, transmission of fluid pressure, resultant fluid pressure, specific gravity, Boyle's Law, the barometer, air pump, water-pump, siphon (University Matriculation Examination.)
13. *Chemistry.*—Reynold's Experimental Chemistry (chaps. I to XVI inclusive.)*
14. *Botany.*—Course in Form I. continued.
15. *Latin.*—Examination subjects as prescribed from time to time for Pass Matriculation into the University of Toronto.
16. *Greek* " " " " " "
17. *French* " " " " " "
18. *German* " " " " " "
19. *Writing.*—Course for Form I. continued.
20. *Book-keeping and Commercial Transactions.*—Course for Form I. continued.
21. *Drawing.*—Course for Form I. continued.
22. *Music.*— " " " "
23. *Precis-writing and Indexing.*
23. *Phonography (optional.)*

FORM III.

3. *English Grammar.*—Course in Form II. continued.
4. *Composition.* " " " "
4. *Literature.*—The critical study of the texts prescribed from time to time for Honor Matriculation into the University, Toronto.
6. *History.*—English History under the Houses of Tudor and Stuart.
7. *Geography.*—The British Empire, including the colonies (Honor Matriculation University.)
9. *Algebra.*—To the end of Binomial Theorem (Honor Matriculation University.)
10. *Geometry.*—Euclid Books I., to IV. inclusive, Book VI and definition of Book V. (Honor Matriculation University.)
11. *Trigonometry.*—(Honor Matriculation University) The solution of Triangles.
13. *Chemistry.*—Reynolds' Experimental Chemistry, chaps. I. to XXVI. inclusive. (The University Matriculation Examination.)
14. *Botany.*—The structure and classification of Canadian flowering plants. (The University Matriculation Examination.)
15. *Latin.*—The course as prescribed from time to time for Honor Matriculation and the University of Toronto.
16. *Greek* " " " " " " " " " "
17. *French* " " " " " " " " " "
18. *German* " " " " " " " " " "

FORM IV.

99. The subjects for study in Form IV. shall be those now prescribed by the University of Toronto for Senior Matriculation, Pass and Honors. As far as possible, the classes shall be the same as those in Forms II and III.

COMMERCIAL COURSE.

100. Candidates for a diploma in the Commercial Course will be examined at the same time and place, and on the same papers as candidates for second class non-professional certificates.

GRADUATION DIPLOMA.

101. Any Pupil who passes the Departmental or the University examination in any of the courses herein prescribed for Forms II., III. or IV., in High Schools, shall be entitled to a Graduation Diploma signed by the Minister of Education and the Head Master of the High School at which such course was completed.

*Reynold's Chemistry is here referred to not as a text-book to be placed in the hands of High School pupils, but as a guide to the teachers, both in methods of illustration and in the limits of the course.