TEACHERS' CERTIFICATES.

THIRD CLASS NON-PROFESSIONAL CERTIFICATES.

160. Candidates for a Third Class Non-Professional Teacher's Certificate will be examined in the following subjects as prescribed for Form I. of the High School Course of Study, viz :—Nos. 1-10, 19, 20, and 21, with an option between 15, 17, 18, and group 12 and 14.

161. When a Third Class certificate has expired, the holder thereof may, on passing the Departmental examination, obtain a renewal of the same for a period of three years, subject to attendance at a County Model School, at the discretion of the County Board of Examiners.

162. In the case of such applicants for a renewal of Third Class Certificates as take the minimum number of marks in each subject, but fail in the aggregate, a bonus not exceeding 200 marks for efficiency and aptitude in teaching will be allowed on the report and at the discretion of the County Inspector.

163. A holder of a Third Class Certificate who passes the Non-Professional examination for any certificate of a higher grade shall, on application to the County Board of Examiners, and on proof of his efficiency as a teacher, be entitled to have such Third Class Certificate extended, by endorsement, for a period not exceeding three years from the date of such examination, but no certificate shall be extended for a longer period than three years without re-examination.

164. In case of an emergency, such as a scarcity of teachers, or for any other special cause, Third Class Certificates may be extended by the Minister of Education, on the joint request of any Board of Trustees and the County Inspector ; but all such extensions shall be limited to the school on whose behalf the request is made.

165. A temporary certificate may be given by the County Inspector under the conditions stated in regulation 51 (14).

SECOND CLASS NON-PROFESSIONAL CERTIFICATES.

166. Candidates for a Second Class Non-Professional Teachers' Certificate will be examined in the following subjects as prescribed for Form II. of the High School Course of Study, excepting Ancient History and Geography, viz :— Nos. 1-10, 13, 21, with an option between 15, 17, 18, group 12 and 14, and group 19, 20, and 23. Candidates who do not take the commercial option for Second Class, shall pass the Third Class Non-Professional examination in Nos. 19 and 20. Only such candidates as pass the Second Class Non-Professional examination will be eligible to write for First "C," but both examinations may be taken the same year.

FIRST CLASS NON PROFESSIONAL CERTIFICATES —GRADE C.

167. Candidates for a First Class Non Professional Certificate, Grade C, will be examined in the following subjects as prescribed for Form III. of the High School Course, viz.:—Nos. 3, 4, 5, 6, 7, 9, 10, 11, 13, and 14 of Form III., and also 12 of Form II. At the examination in Botany, candidates will be expected to describe and classify a submitted specimen of a Canadian flowering plant.

168. Candidates who, in addition to the Departmental Second Class Non-Professional examination, have passed the junior matriculation examination of Toronto University with first class honors in Mathematics, English, and History and Geography, or an equivalent examination in any of the chartered Universities of Ontario, shall be awarded a First C Non Professional certificate without further examination.

GRADES A AND B.—NON-PROFESSIONAL.

169. Candidates for a Departmental Certificate, Grade A or B, taking the Departmental Examinations, shall not be eligible to write for this grade until they have first passed the examination required for Grade C, but nothing herein contained shall prevent a candidate from writing at both examinations the same year. A candidate for Grade A or B will be allowed an option between English and Mathematics.

170. Graduates in Arts who have proceeded regularly to their degree, and who, at their final examination, have taken First or Second Class Honors in one of the departments of Science, Classics, Mathematics, or Modern Languages, or in the department of Mental and Moral Science and Civil Polity, shall, on application to the Education Department, receive a First Class Non-Professional Certificate, Grade A or B, according as the honors were First or Second Class.

171. Non-Professional examinations for First Class Certificates, Grade A or B, shall be limited as follows :—

DEPARTMENT OF ENGLISH.

Composition.—History and Etymology of the English Language ; Rhetorical Forms ; Prosody.

Books of Reference : Earle's Philology of the English Tongue ; Abbot and Seeley's English for English People , Bain's Composition and Rhetoric, or Hill's Rhetoric ; Marsh's English Language and Literature, Lectures VI. to XI. inclusive.

Literature :

1. History of English Literature, from Chaucer to the end of the reign of James I. Books of Reference : Craik's History of the English Literature and Language, or Arnold's Literature, English Edition ; Marsh's English Language and Literature, Lectures VI. to XI. inclusive.
2. Specified works of standard authors as prescribed from time to time by the Department.

History :

Greece.—The Persian to the Peloponnesian War inclusive.—Cox's History of Greece (unabridged).

Rome.—From the beginning of the Second Punic War to the death of Julius Cæsar.—Mommsen's History of Rome.

England.—The Tudor and Stuart Periods, as presented in Green's Short History of the English People, Macaulay's History of England (or Franck Bright's History of England, Second Volume), and Hallam's Constitutional History.

Canada – Parkman's Old Regime in Canada and Wolfe and Montcalm.

Geography :

So much Ancient Geography as is necessary for the proper understanding of the portions of the Histories of *Greece and Rome* prescribed.

DEPARTMENT OF MATHEMATICS.

Algebra.—Symmetry, Binomial Theorem, Multinomial Theorem, Exponential and Logarithmic Series, Interest and Annuities, Indeterminate Coefficients ; Partial Fractions, Series (Convergency and Divergency, Reversion, Summation), Inequalities, Determinants as far as in Gross, Reduction and Resolution of Equations of first four Degrees and of Binomial Equations, Relations between Roots and Coefficients of Equations, Indeterminate Equations, Problems.

Analytical Plane Geometry.—The Point (including Transformation of Co-ordinates), the Right Line, the Circle, the Parabola, the Ellipse, the Hyperbola, the General Equation of the Second Degree, Abridged Notation.

Trigonometry.—Trigonometrical Equations, Solution of Triangles, Measurement of Heights and Distances ; Inscribed, Circumscribed, and Escribed Circles of a Triangle ; Quadrilaterals, Description of Vernier and Theodolite, Trigonometrical and Logarithmic Tables, Demoivre's Theorem.

Statics. Equilibrium of Forces acting in one plane ; Parallelogram of Forces, Parallel Forces, Moments, Couples, Centre of Gravity, Virtual Work, Machines, Friction, Experimental Verifications.

Dynamics.—Measurement of Velocities and of Acceleration, Laws of Motion, Energy, Momentum, Uniform and Uniformly Accelerated Motion, Falling Bodies, Moments of Inertia, Uniform Circular Motion, Projectiles in Vacuo, Collisions, Simple Pendulum, Experimental Verifications.

Elementary Geometrical Optics.—Reflection and Refraction of Light at Plane and Spherical Surfaces, including Prisms and Lenses (aberration not considered) ; the Eye ; Construction and use of the more simple Instruments.

The following books are recommended for reference in addition to those prescribed for Grade C :—

Algebra—Gross & Todhunter.
Analytical Geometry,—Vyvyan and C. Smith. Refer to Salmon.
Trigometry.—Hamblin Smith ; Refer to Colenso or Todhunter.
Dynamics —Garnet, or Gross's Kinematics and Kinetics.
Geometrical Optics. – Aldis.

VALUATION OF SUBJECTS FOR FIRST, C, SECOND AND THIRD CLASS NON-PROFESSIONAL CERTIFICATES.

172.—The values of the different subjects in which candidates for Non-Professional Certificates will be examined, shall be as follows : —Reading (oral), 50 marks ; Reading, Principles of, 50 ; Orthography and Orthoepy, 50 ; English Grammar, 150 ; Composition,