

14. GEOMETRY—100: Euclid I to IV with exercises; definitions and algebraic demonstrations of Euclid V; and Euclid VI (text) *Hall and Stevens* or *Hamblin Smith*.

NOTE—Latin, Greek, French and German optional; all others imperative. The minimum aggregate for a pass, 400, with no subject below 25. The examination on this syllabus may also be known as the Junior Leaving Examination of the High School.

## GRADE XII.

The examination on this syllabus may be known as the Senior Leaving Examination of the High School. This portion of the course of study may be profitably undertaken in the lines best adapted to the staff of instructors or the demands of students in the larger High Schools or County Academies. There is in this grade a bifurcation of the course into a classical side and a scientific side, with minor options leading to the certificates of "A" (classical) and "A" (scientific) respectively.

## (A). IMPERATIVE FOR BOTH SIDES.

1. ENGLISH LANGUAGE—100: As in *Lounsbury's English Language*, with prescribed authors. (1895, Scott's *Ivanhoe*).
2. ENGLISH LITERATURE—100: *Stopford Brooke's Primer*, with prescribed authors. (1895, Shakespeare's *Othello*).
3. BRITISH HISTORY—100: As in *Green's Short History of the English People*, with the Canadian Constitution.
4. PSYCHOLOGY—100: As in James's Text Book of Psychology (MacMillan & Co., London), or Maher's (Stoneyhurst Series).
5. SANITARY SCIENCE—100: As in the Ontario Manual of Hygiene.

## (B). IMPERATIVE FOR CLASSICAL SIDE (Subjects for 1895.)

1. LATIN GRAMMAR AND COMPOSITION—100: Grammar as in *Allen and Greenough*, and Composition as in *Bradley's Arnold* or equivalents.
2. CÆSAR—100: *De Bell. Gal.* Books V and VI.
3. CICERO AND SALLUST—100: (a) CICERO.—*First Oration against Catiline*. (b) SALLUST.—*Conspiracy of Catiline*.
4. VIRGIL—100: *Æneid*, Book I.
5. HORACE—100: *Odes*, Book IV.
6. ROMAN HIST. and GEOG.—100: As in *Liddell's*.
7. GREEK GRAMMAR AND COMPOSITION—100: Grammar as in *Goodwin* and Composition as in *Fletcher & Nicholson*, or equivalents.
8. XENOPHON—100: *Anabasis*, Books III. and IV.
9. DEMOSTHENES—100: *Philippics I., II. and III.* (Rivington's, London.)
10. EURIPIDES—100: *Alcestis*.
11. GRECIAN HIST. and GEOG.—100: As in *Smith's*.

## (C). IMPERATIVE FOR SCIENTIFIC SIDE.

1. PHYSICS—100: As in Wormell's *Natural Philosophy*.
2. CHEMISTRY—100: As in Wilson's *Inorganic Chemistry*.
3. BOTANY—100: As in *The Essentials of Botany* by Bessey (Henry Holt & Co., New York), with a practical knowledge of representative species of Nova Scotian flora.
4. ZOOLOGY—100: As in *Dawson's Hand-Book*, with dissection of Nova Scotian species as in *Colton's Practical Zoology*.
5. GEOLOGY—100: As in Sir William Dawson's *Hand-Book of Canadian Geology*, (excepting the details relating to other Provinces from page 167 to 235).
6. ASTRONOMY—100: As in *Young's Elements of Astronomy*.
7. NAVIGATION—100: As in *Norie's Epitome*.
8. TRIGONOMETRY—100: *Lock's Elementary Trigonometry*.
9. ALGEBRA—100: As in Hall and Knight's *Higher Algebra* (Macmillan & Co., London), to end of Chap. XXXII or any equivalent.
10. GEOMETRY—100: Including *Euclid VI, XI and XII*, as in *Hall and Stevens*, with exercises.

## (D). OPTIONAL FOR EITHER SIDES.

1. FRENCH GRAMMAR AND COMPOSITION—100.
2. FRENCH AUTHORS—100: (1895, Voltaire, *Charles XII*, Books, I, II and III, and Racine's *Athalie*).
3. GERMAN GRAMMAR AND COMPOSITION—100.
4. GERMAN AUTHORS—100: (1895, Hauff's *Das Kalle Herz*, (Heath & Co., Boston).