

# PROGRAMME

## FOR THE ADMISSION OF CANDIDATES.

### FRENCH AND ENGLISH LITERATURE.

ARITHMETIC: Decimal and vulgar fractions. Weights and measures of Canada and neighboring countries. Metrical system. Proportion. Extraction of Square and Cube roots.

ALGEBRA: Properties of numbers. Addition. Subtraction. Multiplication. Division. Algebraic fractions. Simple Equations as far as radicals and quadratics.

GEOMETRY. The first four Books of Euclid, Davies or Legendre. General notions on the construction of figures. Properties of the right-angled triangle. Evaluation of surfaces and Specific gravity of solids. (Practical Problems.)

PHYSICAL AND POLITICAL Geography, particularly of America and Europe.

WELL-EXECUTED linear drawing.

GENERAL NOTIONS of natural history and the Sciences.

The examination will be both oral and written. The questions on the following branches may be either oral or written: Arithmetic, Algebra and Geometry.

Questions in Geography, natural history and the Sciences, oral only; French and English literature, written.

The model for linear drawing will always be simple enough to allow its being executed in a short time. The precision of measures and the distinctness of the lines will suffice to decide. The requisite knowledge of the Sciences will be very elementary; but on the motion of the earth; the use of common metals, plants, animal species, &c. examples shall be required.

A failure in Geometry, Arithmetic or Algebra will be sufficient to justify a refusal of admission.