

## DEPARTMENT III.—MATHEMATICS.

Arithmetic—*Hamblin Smith*; Proportion, Interest, Extraction of Square Root, Vulgar and Decimal Fractions.

Algebra—*Hamblin Smith*; Addition, Subtraction, Multiplication and Division of Algebraical Quantities, Simple Equations of one, two, and three unknown quantities.

Geometry—First and Second Books of Euclid, or the subjects thereof, and the solving of easy Geometrical exercises.

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Candidates for the degree of B. A. will be allowed to take Natural Philosophy and French as an equivalent for Greek, viz.:

## NATURAL PHILOSOPHY.

Elementary Mechanics, Hydrostatics, Hydraulics, Pneumatics, Acoustics, and Optics.

## FRENCH.

Grammar—*Fasquelle* or *Pujol and Van Norman*: the Accidence. Fénelon's *Telemaque*, Books I. and II. Translation of simple and easy sentences from English into French.

Candidates for the Ph. B. degree will be allowed to substitute the above course in Natural Philosophy and French for Greek and Latin.