

SECTION B.

Euclid.—Definitions of Book V explained Algebraically; Book VI, omitting Props. XXVII to XXIX.

Marks, March, 100.

SECTION C.

Algebra (Todhunter).—Equations, Chap. XII; XIII; XIV. Anomalous forms XV to § 206. Indices XVIII to § 265, and proof of $(a^m)^n = a^{m \cdot n}$. Surds XIX, omitting § 296-8 and 307 to end. Quadratics XX to XXIV with special attention to XXII. Imaginary expressions XXV to § 364, and read over the rest of the chapter. Ratio, Proportion and Variation; practical applications only, XXVI to XXVIII. Logarithms XXXVIII; XXXIX, omitting § 549, and only reading over § 551:

Marks, March, 100.

SECTION C.

Plane Trigonometry (Todhunter). Chapters II to XV, omitting XII from § 180.

Marks, June, 100.

SECTION E.

Conics and Analytical Geometry of two dimensions (Todhunter and printed notes). Straight line, Chapter I to III, omitting § 27, 37, 48; examples 1 to 21. Change of co-ordinates, practical examples only, Chapter V. Circle. Chapter VI to § 99.

Marks, June, 100.

— o —

3RD CLASS

(OBLIGATORY, 2,000 MARKS.)

MATHEMATICS AND MECHANICS.

Arithmetic.

4th Class Course.

Marks, March, 150.

Euclid (Todhunter).—Book IV. Definitions of Book V, explained algebraically. Book VI, omitting Props. XXVII to XXIX, and first proof of XXX.

Marks, Dec., 100; June, 300.

Algebra (Todhunter's for beginners and printed notes).—Complete Book, omitting scales of notation; December. 4th Class course, particularly Factors, Quadratics, Proportion, Variation, Series, and applications to Problems.