

of the animal kingdom, and by an extensive series of diagrams. The microscope will also be frequently used. Book of Reference: Milne Edward's *Manual of Zoology*. I. Animal life. II. Functions of animals; homology and analogy. III. Sketch of the anatomy of certain types. IV. Systems of classification; definition of species, genus, family, order, class, province. V. Description of the various divisions of the animal kingdom, with the latest modifications of the classification.

Third Year.

MINING AND ECONOMIC GEOLOGY.—I. Exercises in the determination of minerals. II. Modes of occurrence of useful minerals in general. III. Quarrying, testing and preparation of materials used in construction. IV. Modes of occurrence of metals and their ores, veins, beds, &c.; association of minerals; origin and filling of veins. V. Mining and dressing of metals and their ores; smelting; assaying. VI. Modes of occurrence and working the various other mineral substances used in the arts and manufactures. VII. Commercial value of mineral substances and sources of supply. VIII. General geological relations of useful minerals. IX. Field work and exploration.

E.—MODERN HISTORY.

Lecturer: JOSEPH ANTISELL ALLEN, Esq., of Alwington.

This Class is open to Students in the third year of the Curriculum. The principal events of the period between the Reformation and the accession of William III. will be the subjects of Lecture.

III. EXAMINATIONS.

Examinations are either *Class* or *University Examinations*.

(1) CLASS EXAMINATIONS.

All Regular Students are required to submit to frequent Oral Examinations in their several Classes, and also to one in writing every month. By the former the work is taken up as it advances from day to day. An Examination in Writing embraces the work of the preceding month. Prizes are for the most part awarded by the latter.

(2) UNIVERSITY EXAMINATIONS.

Two of these are held every Session, and both must be passed by intending Graduates. They are in writing chiefly, but may be partly oral also.