

## III.—DETAILED COURSE OF BOTANY.

In this course, the objects proposed are, first to lay a good foundation for any further botanical studies in Physiology, Organography, and Morphology, and then to illustrate that arrangement of the Vegetable Kingdom which is judged to be on the whole preferable, with a constant reference to the uses of the objects noticed, and to the connection of certain properties with natural groups.

(Text-books—Gray's Botanical Text Book; Lindley's Vegetable Kingdom.)

\*.\* The Lectures are copiously illustrated by specimens, diagrams, drawings, and the use of the microscope.

## § 8.

## MINERALOGY AND GEOLOGY.

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Subjects of Lectures :

## SECOND YEAR.

## I.—ORDINARY COURSE FOR GENERAL STUDENTS.

A. *Elements of Mineralogy.*

A, 1. The characters by which Minerals are distinguished from one another.

A, 2. The conditions of occurrence, composition, &c., of commonly occurring Minerals and Metallic Ores.

B. *Elements of Geology.*

B, 1. General principles of Geology. Structural characters, and classification of Rock Masses.

B, 2. A general outline of the Geological Ages and Epochs.

## II.—ADDITIONAL COURSE FOR CANDIDATES FOR HONORS.

A. *The Rudiments of Crystallography.*B. *The Rudiments of Palaeontology.*C. *The Elements of Physical Geography.*