

## § 8.

## MINERALOGY AND GEOLOGY.

*Professor: E. J. CHAPMAN, PH.D., LL.D.**(Late Professor in University College, London.)*

Lectures or Courses of Practical Instruction are given,  
(so far as time will allow) on the following Subjects:

**Second Year.**

## PASS WORK.

Elements of Mineralogy. Rudiments of Physical Geography, Palæontology and Geology.

## HONOR WORK.

Crystallography, Blowpipe Practice.

**Third Year.**

## HONOR WORK.

Practical Determination of Minerals. Economic Minerals of Canada. Palæontology, (Invertebrata.) Spectrum Analysis in Mineral Examinations.

**Fourth Year.**

## PASS WORK.

Mineralogy and Crystallography. Physical Geography, Geology, and Palæontology, (Vertebrata.)

## HONOR WORK.

Mathematics of Crystallography. Geology and Palæontology of Canada. Mining Geology. Assaying.

*Books of Reference:—*

SECOND YEAR—Dana's Manual of Mineralogy. Dana's Text Book of Geology. Chapman's Mineralogy and Geology of Canada, 2nd ed. Page's Physical Geography. Johnston's Elementary Physical Atlas. Chapman's Outline of Blowpipe Practice.

THIRD YEAR—Chapman's Mineral Tables. Tables for the Determination of Minerals by Brush or Von Kobell. Chapman's Synopsis of Palæontology.