

(VIII.) VACATION WORK.

THESIS AND CONSTRUCTION NOTES.

A subject will be given at the end of each session on which the student will be required to write a Thesis (accompanied with drawings and specifications when necessary), during the subsequent vacation.

The student will also be required to make, during the vacation, full and clear notes of various constructions of engineering interest that may fall under his notice.

The value of both the Thesis and the construction notes will be taken into account in determining his standing at the next following examination.

Subject of Thesis for Second Year.—Roads, Streets and Pavements.

“ “ *Third* “ Sanitary Drainage.

Books of Reference.—Gillmore—Roads, Streets and Pavements.

Waring—Sanitary Drainage of Houses and Towns.

Any other works on the above subjects may be consulted, and results of original observation should be given.

II. CHEMISTRY.

All the instruction in this subject is given in the School of Science.

COURSES OF LECTURES.

1. Inorganic Chemistry.

Text-Books and Books of Reference.—Fownes' Manual of Chemistry, vol. i. (Inorganic Chemistry).

Miller's Elements of Chemistry, vol. ii.

Roscoe and Schorlemmer—Treatise on Chemistry, 3 vols.

Remsen—Principles of Theoretical Chemistry.

2. Organic Chemistry.

Text-Books.—Fownes' Manual of Chemistry, vol. ii. (Organic Chemistry).

Armstrong, Organic Chemistry.

Miller's Elements of Chemistry, vol. iii.

Roscoe and Schorlemmer, Treatise on Chemistry, vol. iii., parts 1 and 2.