

EXAMINATION PAPERS.

SESSION 1874-75

BOTANY.

SATURDAY, MARCH 13TH:—9 A.M. TO 12.

Examiner, PROFESSOR J. B. McCONNELL, M.D., C.M.

1. Describe the simple vegetable Cell in its various parts.
2. State the distinction between Parenchyma and Prosenchyma, and describe the principal forms of the latter.
3. Describe dotted, spiral and scalariform vessels with their mode of formation and uses.
4. Describe starch granules and chlorophyll; state where they are principally found in the plant and their uses.
5. Describe the principal kinds of Indefinite Inflorescence.
6. Explain the terms which are used in describing the apex of the Leaf.
7. Describe the Ovule and its principal forms.
8. Mention the different kinds of dry fruits, and describe the Ponn, Drupe and Acheneum.
9. Explain the terms Tibradynamous, Angiospermous, Dicecious, Andrœcium, Phyllodium and Plurinale.
10. Define the terms *Species*, *Race*, and *Genus*.
12. Refer the specimens exhibited to their series and class, and describe the forms of their leaves and the characters of their Inflorescence.