

(041440402)

M.Sc DEGREE EXAMINATION, APRIL 2018.

FOURTH SEMESTER

Branch - Botany

Paper IV — MEDICINE

Time : 3 Hours

Max. Marks : 70

PART - A

Answer any FOUR questions, Each question carries 5 marks.

(Marks : 4 × 5 marks = 20 marks)

1. Ayurveda.
2. Medicinal properties of Zingiberaceae.
3. Drug Collection methods.
4. Storage of Crude Drugs.
5. Datuva
6. Clove.
7. Pharmacology.
8. Active principle.

PART—B

Answer ONE question from each Unit. Each question carries 12.5 marks

(Marks : 4 × 12.5 marks = 50 marks)

UNIT I

9. Explain the importance of various systems of Plant medicines.

Or

10. Describe the medicinal properties and chemicals constituents of the families Apocyanaceae and Lamiaceae.

UNIT II

11. Write an essay on Macro and Micro propagation of Medicinal Plants.

Or

12. Give an account on various methods of collection and storage of crude plant drugs.

[P.T.O]

UNIT III

13. What is Adulteration? Explain how adulteration is done and its effect on purity of a drug.

Or

14. Give a detailed account on Macroscopic and Microscopic characters of Fennel and Nux-vomica.

UNIT IV

15. What is a Formulation? Discuss how formulations and dosage forms are prepared for plant medicines.

Or

16. Describe the chemical nature of Active Constituents isolated from important medicinal plants. Add a note on their importance in disease therapy.
