

15014

M.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

FIRST SEMESTER

Botany

Paper IV — TAXONOMY OF ANGIOSPERMS

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 3 = 15 marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page.

1. APG classification.
2. Magnolids.
3. Rank of Taxa.
4. Rule of priority.
5. Asteraceae.
6. Bentham and Hooker.
7. Endemism.
8. Vegetation of Himalayas.

PART B — (4 × 15 = 60 marks)

Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages.

9. Write a note on origin and evolution of Angiosperms.

Or

10. How to differentiate the natural and phylogenetic classification of Angiosperms?

11. Give an account on important world Herbaria.

Or

12. Mention the role of BSI in taxonomy.

13. Describe the economic importance of Apocynaceae.

Or

14. Discuss the modern trends in taxonomy.

15. What is continental drift? Explain with evidences.

Or

16. Enumerate the biogeographical zones of India.

