

15013(OR)

M.Sc., DEGREE EXAMINATION, OCTOBER/NOVEMBER 2015
FIRST SEMESTER

Botany

Paper III – Taxonomy of Angiosperms

Time: Three hours

Max. Marks: 75

(No additional sheet will be supplied)

PART A- (5 x 3 =15 marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page

1. A P G Classification
2. Primitive angiosperms
3. Processing of Herbaria
4. Typification
5. Fabaceae
6. Euphorbiaceae
7. Continental drift
8. Vegetation types of A. P.

PART B - (4 x 15 = 60 marks)

Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages

9. Differentiate the natural and phylogenic classification of Angiosperms
(or)
10. Write a note on origin and evolution of Monocots
11. Mention the important World and Indian Herbaria
(or)
12. How the literature and computer database helpful in the development of Taxonomic Keys
13. Discuss the floristic variation in Gamopetalae
(or)
14. Give an account on modern trends in Taxonomy
15. Discuss the static and dynamic Phytogeography
(or)
16. Mention the biogeographical zones of India