

A-0013

Total Pages : 3

Roll No.

MSCBOT-504

M.Sc. Botany (MSCBOT)

Taxonomy of Flowering Plants (Angiosperms)

Examination, June 2025

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

(Long Answer Type Questions) 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Give a broad outline of Bentham and Hooker's system of classification.
2. What do you understand by hotspot ? Describe about the hotspots of India.
3. Give a detailed account of taxonomic tools used in plant taxonomy.
4. Give a detailed taxonomical description of family rutaceae with suitable example.
5. Describe the diversity in types of fruit of family Rosaceae. Mention the economic importance of the family.

Section–B

(Short Answer Type Questions) 4×8=32

Note :– Section 'B' contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Differentiate between phylogentic and natural system of classification.
2. Describe the important herbaria of India.
3. Write a short note on Phylo-code.

4. Write a short note on economic importance of family Dipterocarpaceae.
5. Write a short note on Melbourne code.
6. Give a brief note on typification.
7. Write a short note on economic importance of family Poaceae.
8. Write a short note on role of biochemistry in plant taxonomy.
