

A-1207

Total Pages : 3

Roll No.

MSCBOT-504

M.Sc. Botany (MSCBOT)

**Taxonomy of Flowering Plants
(Angiosperms)**

Examination February, 2026

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.

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(1)

P.T.O.

1. Give a broad outline of Hutchinson's system of classification.
2. What do you understand by Phytogeography ? Describe phytogeographical regions of India with their dominant vegetation.
3. With the help of suitable examples, describe the floral characters of family Apiaceae (Umbelliferae).
4. Write a detailed note on chemotaxonomy and describe about phytochemical used in chemotaxonomy.
5. Give an illustrated account of salient features of family Dipterocarpaceae.

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. Write a brief note on hotspots of India.
2. Differentiate between paleoendemics and neoendemics.

3. Write a short note on major International and National Herbaria.
4. Give a brief account on economic importance of family Fabaceae.
5. Write a short note on plant introduction.
6. What is Numerical taxonomy ?
7. Write a short note on Bio-Code.
8. Give a general account on palynology and palynological evidences in taxonomy.
