

A-0013

Total Pages : 3

Roll No.

MSCBOT-504

M.Sc. BOTANY (MSCBOT)

Taxonomy of Flowering Plants (Angiosperms)

1st Semester Examination, Session December 2024

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. What is phylogenetic system of classification and describe any phylogenetic system of classification studied by you.
2. What do you understand by Phytogeography ? Give a detailed account on phytogeographical regions of India.
3. What is Endemism ? Describe different types of endemics.
4. With the help of suitable examples describe the floral characters of family Brassicaceae.
5. Discuss Numerical taxonomy and its merits and demerits in detail.

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 short notes on the following :
 - (i) Procedure for plant introduction
 - (ii) Merits and demerits of plant introduction
2. Write briefly about important herbaria of the world.
3. Write a short note on taxonomic hierarchy.

4. Write detail account on chemotaxonomy.
5. Write a short note on Vienna Code.
6. Write briefly about bio-code.
7. Give short note on mangrove vegetation.
8. Write short notes on the following :
 - (i) Jaculator
 - (ii) Lodicules
 - (iii) Lemma and plea.
 - (iv) Resupination
