

C076

Total Pages : 3

Roll No.

MSCBOT-504

Taxonomy of Flowering Plants

M.Sc. BOTANY (MSCBOT)

Ist Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. Discuss the merits and demerits of Bentham and Hooker's system of classification.

2. What do you understand by phytogeography? Describe phytogeographical regions of India with their dominant vegetation.
3. Write about the National Herbaria of India. Discuss the methods of preparation and preservation of Herbaria.
4. What do you understand by chemotaxonomy? Give an account of phytochemical used in chaemotaxonomy.
5. With the help of suitable examples describe the floral characters of family Brassicaceae.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Write a brief note on Hotspots of India.
2. Write a short note on mangrove vegetation.
3. Write a brief note on role of biochemistry in plant taxonomy.
4. Write a short note on 'endemism'.

5. Write a short note on economic importance of family Poaceae.
 6. Write a short note on ICBN.
 7. What is Phylo-Code? Write in brief.
 8. Write a brief note on 'numerical taxonomy'.
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