

K-352

Total Pages : 3

Roll No.

MSCBOT-504

Taxonomy of Flowering Plants (Angiosperms)

M.Sc. Botany (MSCBOT)

1st Semester Examination, 2023 (Dec.)

Time : 2 Hours]

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)

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.

(2×19=38)

1. What do you understand by phytogeography? Describe phytogeographical regions of India with their dominant vegetation in detail.
2. Give a broad outline of Bentham and Hooker's system of Classification.
3. Describe about history of ICBN. International Code of Botanical Nomenclature (ICBN).
4. Describe the important characters of family Ranunculaceae. Why it is regarded as primitive family. Mention five economically important plants of this family.
5. Write comparative account on feature of families Poaceae and Cyperaceae.

SECTION-B

(Short Answer Type Questions)

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. (4×8=32)

1. Describe merits and demerits of Hutchinson's system of classification.

2. Give a brief account on the methodology of preparation of herbarium specimens.
 3. Give general characters of *Rhododendron* family.
 4. Write short notes on numerical taxonomy.
 5. Discuss botanical garden in brief. Mention its role and function.
 6. Discuss Taxonomic hierarchy.
 7. Mention four (04) economically important plants along with their common name, botanical name and uses of family Solanaceae.
 8. Write a note on economic importance of family Orchidaceae. Describe resupination briefly.
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