

P-923

Total Pages : 3

Roll No.

BOT-503

Gymnosperms, Taxonomy of Angiosperms and Anatomy

M.Sc. Botany (MSCBOT)

1st Year Examination, 2023 (June)

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 answer 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. Write a detailed account on economic importance of gymnosperms.

2. Write a detailed account on anatomy of coniferales and taxales with special reference to wood anatomy.
3. Write an essay on International Code of Botanical Nomenclature (ICBN).
4. Write a detailed note on embryology in relation to taxonomy.
5. Describe the detailed procedure of making herbarium.

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. Write a short note on living fossils.
2. Differentiate between primitive and advanced characters of gymnosperms.
3. Write a short note on characteristics features of pentoxylales.
4. Write briefly about phylogeny of pteridospermales.
5. Write a short note on numerical taxonomy.

6. Write a short note on conservation of biodiversity.
 7. Write a short note on organization of root apex in angiosperms.
 8. Write a short note on root stem transition.
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