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Total Pages : 3

Roll No.

MBOT-508

Taxonomy of Angiosperms

M.Sc. Botany (MSCBOT)

2nd Semester Examination, 2022 (Dec.)

Time : 2 Hours]

[Max. Marks : 35

Note : This paper is of Thirty Five (35) 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 Nine and Half (9½) marks each. Learners are required to answer any Two (02) questions only.

(2×9½=19)

1. Write a detailed account on significance of origin and phylogeny of angiosperms.

2. Write a detailed note on typification.
3. Write a detailed account of cytological aspects useful in solving taxonomic problems.
4. Discuss any system of classification of angiosperms studied by you and give its merits and demerits.
5. What is biodiversity? Give different factors responsible for the loss of biodiversity and methods to conserve it.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Four (04) marks each. Learners are required to answer any Four (04) questions only. (4×4=16)

1. Write briefly about pollen exine sculpturing.
2. Write a short note on chemotaxonomy.
3. Write short note on the following :
 - (a) Biosystematics.
 - (b) Biotype.
4. Write a short note on different steps of herbarium preparation.

5. Write a brief note on salient features of Poales.
 6. Write a short note on important herbaria of India.
 7. Write about the distinguishing characters of Casuarinaceae.
 8. Write a short note on biodiversity hotspots.
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