

D 90975

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Name.....

Reg. No.....

THIRD SEMESTER M.A./M.Sc./M.Com. DEGREE (REGULAR) EXAMINATION
NOVEMBER 2020

(CBCSS)

Botany

BOT 3C 08—ANGIOSPERM MORPHOLOGY, ANGIOSPERM TAXONOMY AND PLANT
RESOURCES

(2019 Admissions)

Time : Three Hours

Maximum : 30 Weightage

Section A

*Answer at least three questions.
Each question carries 2 weightage.
All questions can be attended.
Overall Ceiling 6.*

1. What is cladogram ?
2. Distinguish between syntype and lectotype.
3. List out the top two botanical gardens in the world.
4. Write down the significance of TROPICOS.
5. Name any two national herbaria.
6. Correct the botanical name given below if any mistake.
V. Trifolia Var simplicifolia Cham.
7. Describe any two situations for rejection of plant names.

(3 × 2 = 6 weightage)

Section B

*Answer at least three questions.
Each question carries 4 weightage.
All questions can be attended.
Overall Ceiling 12.*

8. Write a note on NBRI.
9. Briefly describe the types of placentation and their evolution.
10. Distinguish between binomial and polynomial nomenclature.

Turn over

11. Give a brief account on International code of nomenclature of cultivated plants.
12. What do you mean by biosystematics? What is its significance?
13. Describe the functions of BSI.
14. What are the advantages of phylogenetic system of classification over the natural system?

(3 × 4 = 12 weightage)

Section C

*Answer at least two questions.
Each question carries 6 weightage.
All questions can be attended.
Overall Ceiling 12.*

15. Describe the techniques involved in Herbarium preparation.
16. Explain the significance of molecular data in Taxonomy.
17. Briefly explain the origin and evolution of structure and morphology of Stamens in Angiosperms.
18. Briefly describe the significance of APG system in comparison with the natural system of classification.

(2 × 6 = 12 weightage)