

M.Sc.DEGREE EXAMINATION, APRIL 2020
I Year II Semester
Taxonomy of Angiosperms and Economic Botany

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Apomorphic Characters
2. Mercuric Chloride
3. Moon Seed
4. Synandrous androecium
5. Nutlet
6. Binomial of two economic plants of Oleaceae
7. Glume
8. Catkin
9. Binomial of two timber yielding plants
10. Tuber crops
11. Dichotomous Key
12. Numerical Taxonomy

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. How do you prepare a standard herbarium specimen?
14. Differentiate Menispermaceae and Sapindaceae in terms of phyllotaxy and floral features.
15. Describe an inflorescence of Euphorbiaceae.
16. What are the diagnostic features of Casuarinaceae?
17. Write notes on Pepper and Cannabis.
18. Enumerate the role of phytochemicals in the angiosperm classification.
19. List out five binomials of economic plants of Rosaceae.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Outline APG system of classification highlighting its merits and demerits.
21. Describe diagnostic features and economic importance of Cucurbitaceae.
22. Compare the characteristic features of Molluginaceae and Bignoniaceae.
23. Discuss in detail on the floral features of Commelinaceae and Cyperaceae with suitable diagrams.
24. Write an account on the occurrence, mode of cultivation, biochemical and economic importance of Cereals and Millets.

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