

**THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024****(Regular/Improvement/Supplementary)****BOTANY****FBOT3C08 - ANGIOSPERM MORPHOLOGY, TAXONOMY AND PLANT RESOURCES****Time: 3 Hours****Maximum Weightage: 30****Part A: Answer any *four* questions. Each carries *two* weightage.***Write short notes on:*

1. Concept of taxa.
2. Caytonialean theory.
3. Essentialism.
4. Morphology and useful part of fenugreek.
5. Manual.
6. Peltate stamen.
7. Monophyly.

**(4 × 2 = 8 weightage)****Part B: Answer any *four* questions. Each carries *three* weightage.**

8. Briefly describe Chemotaxonomy.
9. Write short note on Stamen- as a modified petal.
10. Differentiate between analytic and synthetic characters.
11. List out the medicinal importance of *Rauwolfia*.
12. Give an account on ICNCP.
13. Mention the family, binomial and useful part of fibre yielding plants.
14. Give an account on DNA barcoding in plants.

**(4 × 3 = 12 weightage)****Part C: Answer any *two* questions. Each carries *five* weightage.**

15. Write an essay on Cereals and Millets.
16. Give a detailed account on the scope and importance of taxonomy.
17. Explain the origin and evolution of Carpels.
18. Describe the various techniques involved in herbarium preparation.

**(2 × 5 = 10 weightage)**