**D3ABT2402** **(1 Page)** **Name.....**
**Reg.No.....**

**THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2025**
**(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. Morphology and useful part of nutmeg.
2. Rule of priority.
3. DNA barcoding in plants.
4. Caytonialean theory.
5. Manual.
6. Parietal placentation.
7. Virtual herbarium.

**(4 × 2 = 8 weightage)**

**Part B: Answer any *four* questions. Each carries *three* weightage**.

8. Provide a description on Phylogenetic system of classification.
9. List out major spices and condiments with special emphasis on their morphology and chemical composition.
10. Write a note on stamen as a modified petal.
11. Briefly describe biosystematics and numerical taxonomy.
12. Differentiate between analytic and synthetic characters.
13. Write an account on taxonomic literature.
14. Comment on BSI.

**(4 × 3 = 12 weightage)**

**Part C: Answer any *two* questions. Each carries *five* weightage.**

15. Write an essay on ICBN and its modern trends.
16. Substantiate the most primitive angiosperm family with current ideas.
17. Explain the modern trends in Taxonomy.
18. Write an essay on chemical and pharmacognosic properties of major medicinal plants.

**(2 × 5 = 10 weightage)**