

21P330

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P BOT3 C08 - ANGIOSPERM MORPHOLOGY, ANGIOSPERM TAXONOMY AND PLANT RESOURCES

(Botany)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Summarize the current ideas of angiosperm flower.
2. Discuss the role of floral anatomy interpreting the origin and evolution of flower and floral parts.
3. Describe the concept of Essentialism.
4. Discuss effective publication from valid publication.
5. Explain the principles of Numerical Taxonomy.
6. Mention the binomial, family and economic importance of four oil yielding Plants.
7. State the history, occurrence, chemical composition and uses of cardamom and nutmeg.

(4×2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Explain primitive carpel and mention its evolution.
9. Explain the aims and principles of Plant taxonomy.
10. Explain,compare and contrast Homology and Analogy.
11. Make a note on Herbarium Preparation.
12. Summarize important National and International botanical gardens.
13. Mention the binomial, family,history, occurrence, chemical composition and economic importance of cereals.
14. Cite the binomial, family, history, occurrence and importance of Pararubber.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Discuss the evolution of flower in relation to pollinators.
16. Explain various species concepts used in Taxonomy
17. Discuss in detail the good and bad characters, correlation of characters and character weighting in taxonomic classification.
18. State the occurrence and importance of Medicinal plants with binomial and uses.

(2 × 5 = 10 Weightage)
