

24P128

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P BOT1 C01 - PHYCOLOGY, BRYOLOGY, PTERIDOLOGY AND GYMNOSPERMS

(Botany)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Write a note on biological importance of planktons.
2. Write a note on sexual reproduction in Pheophyta.
3. Explain economic importance of Sphagnum.
4. What is heterospory? Explain seed habit in Selaginella.
5. Give an account on Prothallus.
6. Write a note on Adder's tongue fern.
7. Describe the Economic importance of Gymnosperms.

(4 × 2 = 8 Weightage)

Part-B

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

8. Explain Round's and Smith's classification of algae.
9. Write a note on sexual reproduction and evolutionary trends in chlorophyceae.
10. Write a note on fossil bryophytes and their affinities.
11. Write a note on types of steles.
12. Write a note on Pichi-sermolli's classification.
13. Comment on Psilotales.
14. Write short note on the angiosperm features of Gnetum.

(4 × 3 = 12 Weightage)

Part-C

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

15. Write an essay on different types of life cycles in algae
16. Explain economic importance of bryophytes in detail.

17. Explain general characters and life history of pteridophytes.
18. Write an essay on classification of gymnosperm and mention its features.

(2 × 5 = 10 Weightage)
