

23P129

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19P BOT1 C02 - MYCOLOGY AND LICHENOLOGY, MICROBIOLOGY AND PLANT
PATHOLOGY**

(Botany)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Write an account on characters used in classification of fungi.
2. Write an account on fungal spores.
3. Write a note on classification of lichen.
4. Give an Account on Actinomycetes.
5. Microorganisms are sources of food. Justify.
6. What are Antibiotics? How are they prepared.
7. What is Iatrogenic plant diseases? Give an example.

(4 × 2 = 8 Weightage)

Part-B

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

8. Write an account on cell structure and hyphal growth in fungi.
9. Explain the role of fungi as saprophyte.
10. Describe bioremediation with examples.
11. Differentiate between Archeobacteria and Eubacteria.
12. Write a short note on Agricultural microbiology.
13. Copper fungicides - Explain.
14. Explain the symptoms, etiology and management practices of Blister blight of Tea.

(4 × 3 = 12 Weightage)

Part-C

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

15. Write an account on general characters, classification, asexual and sexual reproduction in Mastigomycota.
16. Elucidate different types of mycorrhiza and its importance in Agriculture.
17. Give an account on the structure, reproduction and economic importance of Cyanobacteria.
18. Discuss the etiology, symptoms and control measures of Powdery mildew of Rubber.

(2 × 5 = 10 Weightage)
