

22P129

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(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 cell structure in fungi.
2. Write a brief account on classification in fungi proposed by Ainsworth & Bisby (1983).
3. Write an account on asexual reproduction in lichen.
4. What is bioremediation?
5. Define Plasmids.
6. Briefly explain the management of agricultural soil.
7. Write the etiology and symptoms of abnormal leaf fall Rubber.

(4 × 2 = 8 Weightage)

Part-B

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

8. Write an account on life cycle of Myxomycota.
9. Explain the role of fungi in pesticide degradation.
10. Enumerate the salient features of Mycoplasmas.
11. Describe the transduction in Bacteria.
12. Describe the Industrial production of alcohol.
13. Explain the role of biocides in plant protection.
14. Name the causal agent, Symptoms and mode of spread of a viral disease you have studied.

(4 × 3 = 12 Weightage)

Part-C

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

15. Write an essay on different types of fungal spores and their dispersal mechanisms.
16. Write an account on different types of mycorrhizha and add anote on endophytes.
17. Write in detail about food spoilage and preservation methods.
18. With examples describe the causal agents of plant diseases.

(2 × 5 = 10 Weightage)
