

21P129

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Name:.....

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(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. Explain reproduction in Mastigomycota.
2. Write a note on wood-rotting fungi.
3. Explain thallus structure in lichen.
4. Explain Microbiology of rhizosphere.
5. What are biopesticides?
6. Write a note on food spoilage.
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 nutritional types in fungi
9. Explain the role fungi in pesticide degradation.
10. Distinguish Viruses from Viroids and bacteria
11. Draw and label the parts of Tobacco Mosaic Virus. Explain their structure.
12. Give the outline of Bergey' s Manual of systemic bacteriology.
13. Explain the process of penetration and entry of pathogen into the host tissue.
14. Explain the role of biocides in plant protection.

(4 × 3 = 12 Weightage)

Part-C

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

15. Write an essay on classification in fungi and characters used in classification.
16. Elucidate different types of mycorrhiza and its importance in Agriculture.
17. Write an essay on industrial products.
18. Discuss the etiology, symptoms and control measures of Powdery mildew of Rubber.

(2 × 5 = 10 Weightage)
