

**SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024  
(Regular/Improvement/Supplementary)**

**BOTANY**

**GBOT2B02T: MICROBIOLOGY, MYCOLOGY, LICHENOLOGY & PLANT PATHOLOGY**

**Time:2 Hours**

**Maximum Marks: 60**

**SECTION A: Answer the following questions. Each carries *two* marks.**

**(Ceiling 20 Marks)**

1. What is SCP?
2. Comment on Ascospores.
3. What is Pili?
4. What is Necrosis?
5. Comment on lichen as food.
6. What is Episome?
7. What are Viroids?
8. Explain Fairy rings.
9. Name the pathogen of Blast of Paddy.
10. What is mesosome?
11. What is mycobiont?
12. Name any two edible fungi.

**SECTION B: Answer the following questions. Each carries *five* marks.**

**(Ceiling 30 Marks)**

13. Write the economic importance of Bacteria.
14. Describe the structure of Bacterial cell with a labelled diagram.
15. Explain the thallus structure of Rhizopus.
16. What are the ecological importance of Fungi?
17. Explain any two plant diseases caused by virus.
18. Write an account on the reproduction Lichens.
19. Explain the symptoms of plant diseases.

**SECTION C: Answer any *one* question. Each carries *ten* marks.**

20. Explain the general characters and classification of Kingdom Fungi.
21. Write an essay on nutrition and reproduction of Bacteria.

**(1 x 10 = 10 Marks)**