

B.Sc. DEGREE EXAMINATION, NOVEMBER 2019
I Year II Semester
General Microbiology and Plant Pathology

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Protists
2. Coenocytic
3. RNA Viruses
4. Pili
5. Lithotrophs
6. Facultatively Anaerobic.
7. F plasmid
8. Fission
9. Amylase
10. Nitromonas
11. Fusarium
12. Red rot

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Describe the general characters of Viruses.
14. Outline the general features of Fungi.
15. Write notes on Autotrophs and Heterotrophs.
16. Explain the structure of bacterial endospore.
17. Describe the asexual reproduction in bacteria.
18. Write short notes on Soil fertility.
19. Briefly describe the Tikka disease of groundnut.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Give an account of structure and reproduction of T4 Bacteriophage.
21. Discuss in detail about the ultra structure of Bacteria.
22. Describe the sexual reproduction in bacteria.
23. Elaborate the economic importance of bacteria.
24. Explain the symptoms of TMV and Bacterial blight of rice.

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