

M.Sc. DEGREE EXAMINATION, APRIL 2020
I Year I Semester
Algae, Fungi and Microbiology

Time : 3 Hours

Max.marks :75

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

Answer any **TEN** questions

1. Phycology
2. Flagella
3. Heterothallism
4. Parasexuality
5. Navicula
6. Unilocular Sporangium
7. Rhizopus
8. Red Rot Disease
9. Bergey's Manual
10. Virology
11. Mesosome
12. Capsid

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

Answer any **FIVE** questions

13. Write down the contributions of Indian Algologists.
14. Give a short note on Molecular Taxonomy of Algae.
15. Describe V.S of Cystocarp of Gracilaria.
16. Write notes on Spawn preparation.
17. Briefly explain the habit of Agaricus.
18. Discuss the economic importance of fungi.
19. Elaborate the classification of Virus.

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

Answer any **THREE** questions

20. Explain the classification of Algae proposed by F.E.Fritsch.
21. Give an account on the sexual reproduction of Chara.
22. Describe the classification of fungi proposed by Ainsworth.
23. Enumerate the life cycle of Puccinia.
24. Draw and explain the ultra structure of Bacteria.

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