

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai — 600 044.

M.Sc. - END SEMESTER EXAMINATIONS APRIL - 2022

SEMESTER - I

08PPBCT1001& PPB/CT/1001 - ALGAE, FUNGI AND MICROBIOLOGY

Total Duration : 3 Hrs.

Total Marks : 60

Section A

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the life cycle of algae.
2. Describe life cycle of *Hydrodictyon*.
3. Classify fungi using Ainsworth method of classification.
4. Explain life cycle of *Puccinia*.
5. Sketch morphology and fine structure of algae.
6. Relate the pigments of various divisions of algae.
7. Predict the economic importance of bacteria.
8. Differentiate cyanophyceae from rhodophyceae.

Section B

Part A

Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. Explain algal classification by Fritsch(1945).
10. Describe the life cycle of *Navicula*.
11. Deduce mushroom cultivation.
12. Evaluate the symptoms and control of *Colletotrichum*.

Part B

Compulsory question ($1 \times 10 = 10$ Marks)

13. Appraise the multiplication of plant viruses.
