

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.

B.Sc. (PBPB) END SEMESTER EXAMINATIONS NOVEMBER - 2023

SEMESTER - I

20UPBCT1002 - Mycology and Lichens

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

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

1. Write a note on general characteristics features of fungi.
2. Explain the various modes of reproduction in *Mucor*.
3. Give the protocol for the production of citric acid by *Aspergillus*.
4. Describe the various control measures against pests and pathogens in mushroom cultivation.
5. Ascertain the vegetative and reproductive aspects in *Usnea*.
6. Discuss the spore formation in Basidiomycetes with suitable examples.
7. Illustrate and explain the Life Cycle of *Albugo*.
8. Relate the association between the alga and fungi with references to lichen.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Write an essay on Classification of fungi by on Alexopoulos (1961).
10. Relate the reproductive morphological structures of *Peziza* to *Agaricus*.
11. Discuss in detail any two enzymes produced by microbes with their applications.
12. Assess the methodology for cultivation of Oyster mushrooms.
13. Enumerate the general characteristic features of Lichens.
