

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.(PBPBT) - END SEMESTER EXAMINATIONS APRIL-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. Explain the general characteristics of Ascomycetes.
2. Describe the basidiocarp structure seen in *Agaricus*.
3. How is citric acid production related to fungi?
4. Describe spawn production.
5. Illustrate the various thallus organisation seen in lichens.
6. Outline the classification of fungi by Alexopoulos.
7. Explain the asexual reproduction seen in *Mucor*.
8. Give an account of the types of reproduction seen in lichens.

Section C

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

9. Give a detailed account of the general characteristics seen in Oomycetes.
10. Illustrate and explain the life cycle of *Albugo*.
11. Highlight the methods of cultivation of oyster mushrooms.
12. Write in detail the economic importance of fungi in the fields of enzyme and antibiotics production.
13. Describe elaborately the morphology, reproduction and uses of *Usnea*.
