

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 - NOV'2024

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. Describe the modes of nutrition in Fungi.
2. Explain the mechanism of citric acid production by *Aspergillus niger*.
3. Prepare brief notes on role of spawn in mushroom cultivation & how is it prepared
4. Differentiate homoiomerous and heteromerous lichens.
5. Explain fruitification of *Agaricus* with diagrams.
6. Prepare brief notes on any two enzymes obtained from microbes and their applications.
7. Describe the materials used for preparing bags for oyster mushroom.
8. Write about Economic importance of lichens.

Section C

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

9. Describe the classification of fungi by Alexopoulos with illustrations.
10. Prepare an essay on structure, reproduction and economic importance of *Mucor*.
11. Assess the economic importance of fungi.
12. Predict the common diseases and pests that affect oyster mushrooms.
How can they be managed?
13. Enumerate the morphology, reproduction and uses of *Usnea*.
