

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. END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - I

20UPBCT1002 - MYCOLOGY AND LICHENS

Total Duration : 3 Hrs.

Total Marks : 60

**Section A**

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

1. Give the general characters of Basidiomycetes.
2. Write the morphological features and structure of Albugo.
3. Bring out the preparation of Antibiotic penicillin.
4. Give the substrate preparation for mushroom cultivation.
5. Write briefly on Algal biofertilizers.
6. Give the Cell wall composition in Mycology.
7. Write short notes on Economic importance of Lichen and Mushroom.
8. Draw the structure of Aspergillus and Peziza.

**Section B**

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

9. Write the general characters of Mycology.
10. Write and explain the lifecycle of Peziza.
11. Write the economic importance of fungi.
12. Explain the control of Pests and pathogens in mushroom cultivation.
13. write the growth forms and range of thallus organization in Lichen.

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