

**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**

**16UPBCT1A02 & UPB/CT/1A02 - Mycology, Fungal Biotechnology & Lichens**

**Total Duration : 3 Hrs.**

**Total Marks : 60**

**Section A**

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

1. Enumerate the characteristic features of Oomycetes.
2. Describe sexual reproductive structures of Albugo.
3. Write a short note on the production of protease enzyme.
4. Describe the nutritional value of Oyster mushroom.
5. Enumerate the economic importance of lichens.
6. Write a short note on the general characters of Basidiomycetes.
7. Describe the asexual reproduction in Aspergillus.
8. Write a short note on the production of Penicillin.

**Section B**

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

9. Write an essay on the classification of fungi by Alexopoulos.
10. Describe the life cycle of Peziza with suitable diagrams.
11. Write a detail account on the production and used of Citric acid.
12. Write a details account on the pest and pathogen management control measures in mushroom cultivation.
13. Describe the life cycle of Usnea with suitable diagrams.

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