

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 EXAMINATION APRIL/NOV - 2021
SEMESTER - I

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

Total Duration : 3 Hrs	Total Marks : 75
MCQ : 30 Mins	MCQ : 15
Descriptive : 2 Hrs.30 Mins	Descriptive : 60

Section B

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

1. Enumerate the distinguish characters of the class Oomycetes.
2. Describe the asexual reproduction in *Albugo*.
3. Write a short note on Penicillin.
4. How we can control the pathogens of Oyster mushroom cultivation.
5. Enumerate the socio-economical significance of lichens.
6. Describe the general characters of Club fungi with suitable examples.
7. Write a short account on the production of citric acid from fungi.
8. Write an account on nutritional value of Oyster mushroom.

Section C

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

9. Write an essay on classification of fungi with suitable examples.
10. Describe the vegetative and reproductive structures of *Peziza* with suitable illustrations.
11. Write an essay on the production and applications of the Proteases enzyme.
12. Describe the life cycle of *Usnea* with suitable illustrations.
13. Write an essay on the mushroom cultivation with suitable example.