

B.Sc. DEGREE EXAMINATION, APRIL 2020
I Year I Semester
Mycology, Fungal Biotechnology and Lichens

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. Haustorium.
2. Dolipore septum.
3. Oospore
4. Apothecium.
5. Aspergillus niger.
6. 6-APA
7. SCP
8. Spawn
9. Isidia
10. Heteromerous lichen.
11. β -amylase
12. Clamp connections.

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Write about the general characters of the class Oomycetes.
14. Write a brief note on the reproduction of Albugo.
15. Write short notes on proteases and its applications.
16. Give an account on the nutritional value of oyster mushroom.
17. Write notes on economic importance of lichens.
18. Write about the production of citric acid.
19. Write about the control of pest and pathogens in mushroom cultivation.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Write about the Alexopoulos classification of fungi.
21. Describe the structure and reproduction of Peziza.
22. Write an essay on the production of Penicillin.
23. Discuss in detail about the cultivation of oyster mushroom.
24. Describe the structure and reproduction of Usnea.

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