B.Sc. DEGREE EXAMINATION,NOVEMBER 2019
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. Ascospore
2. Fragmentation
3. Haustorium
4. Apothecium
5. White rust.
6. Antibiotic
7. Enzyme
8. Pathogen
9. Mushroom
10. Symbiosis
11. Heterotrophs
12. Saprophytes

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

Answer any **FIVE** questions

13. Write the general characters of Ascomycetes.
14. Briefly explain asexual reproduction of *Albugo*.
15. What are the uses for penicillin antibiotics?
16. How pests and pathogens are controlled on mushroom cultivation?
17. Write short notes on economic importance of lichens.
18. Give the the general characters of Oomycetes.
19. Give the economic importance of fungi.

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

Answer any **THREE** questions

20. Write the classification of Fungi by Alexopoulos.
21. Explain the structure and reproduction of *Aspergillus*.
22. Explain mushroom cultivation.
23. Explain the production of citric acid.
24. Write details on morphology, anatomy and asexual reproduction in lichen.

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