

5 MJ 60315 A

FOUR YEAR B.Sc. (Honours) DEGREE EXAMINATION,
NOVEMBER/DECEMBER 2025

FIFTH SEMESTER

Botany

Course 15 A : MUSHROOM CULTURE TECHNOLOGY

(w.e.f 2023-2024 Regulations)

Time : Three hours

Maximum : 70 marks

(No additional sheet will be supplied)

PART A — (5 × 4 = 20 marks)

Answer any FIVE questions

1. Milky mushroom
2. Harmful effects of poisonous mushrooms
3. Layout of a mushroom farm
4. Materials for compost preparation.
5. Culture maintenance
6. Quality parameters of casing soil
7. Spawning
8. Raw material
9. Preservation of mushrooms
10. Shelf life of mushrooms

PART B — (5 × 10 = 50 marks)

Answer ALL the following the questions.

11. Write about medicinal mushrooms and their therapeutic value in South India.

Or

12. Give a note on the structure and life cycle of a mushroom.
13. Explain about different methods of composting.

Or

14. Describe about Small village unit and larger commercial unit.

15. Write about facilities required for spawn preparation and preparation of spawn substrate.

Or

16. Give a note on preparation of pure culture and media used in raising pure culture.

17. Write in detail about casing, cropping and problems in cultivation of mushrooms.

Or

18. Describe the picking and packing of the Button mushroom and Oyster mushroom.

19. Write about management of spent substrates and waste disposal of various mushrooms.

Or

20. Explain about economics of different types of mushrooms.
