

B.Sc. Semester - 3 (NEP-2020) Examination

OCT/NOV-2025

BOT: Mushroom Cultivation (Skill Enhancement Course)

Time: 1:00 Hours

Marks:25

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que.1(A) Describe in detail (Any One) (06)
- 1) Discuss how mushrooms can be used as a source of nutrition and medicine
 - 2) Explain the structure, habitat, and toxic effects of *Amanita phalloides*.
- Que.1(B) Write a Short Note (Any One) (04)
- 1) What do you mean by the Fruiting body of mushroom? Describe the morphology of it.
 - 2) Compare Button mushroom and Paddy straw mushroom in terms of morphology and cultivation.
- Que.2(A) Describe in detail (Any One) (06)
- 1) Explain how oyster mushrooms differ from button mushrooms in terms of structure and cultivation method.
 - 2) Describe the process of mushroom bed preparation for oyster mushroom using agricultural wastes.
- Que.2(B) Write a Short Note (Any One) (04)
- 1) Explain mushroom incubation and required conditions for mycelial growth
 - 2) Discuss the methods of spawn production for mushroom cultivation
- Que.3 Do as Directed (Any Five from Seven) (05)
- 1) How do mushroom reproduce?
 - 2) How can you identify between edible and poisonous mushroom?
 - 3) Define spawning.
 - 4) Button mushroom belongs to which genus?
 - 5) What is the scientific name of paddy straw mushroom?
 - 6) What is meant by “flush” in mushroom production?
 - 7) Define inoculation.
