

B.Sc. Semester-IV Examination, 2022-23**BOTANY [Honours]**

Course ID : 41315 Course Code : SH/BOT/405/SEC-2

Course Title : Mushroom Culture Technology

Time : 2 Hours

Full Marks : 40

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***UNIT-I**1. Answer any **five** questions from the following:

2×5=10

- Name two edible mushrooms available in India.
- Mention two Medicinal values of mushroom consumption.
- Define spawn.
- Write down the names of the substrates used for Mushroom bed preparation.
- Name one mushroom research centre of India.
- Name two bacterial diseases of mushrooms.
- Name two poisonous mushrooms.
- What is 'Poal chatu'?

[Turn Over]

2. Give brief answer of the following: 5×4=20

- Briefly describe the nutritional values of edible mushrooms.
- Describe the process of preparation of master spawn from pure culture.
- What is spawning? Write the characteristics of good spawn. 2+3
- Write down the steps involved in mushroom spawn preparation.

UNIT-III3. Answer any **one** question from the following:

10×1=10

- What is compost? Briefly discuss different methods of mushroom preservation/storage. Name two fungal diseases of mushrooms. 2+5+3=10
- What are white button mushrooms? Briefly describe their cultivation process. Mention any two important factors that affect their growth. 2+6+2=10