

Bankura University
B. Sc 6th Semester (Program) Examination, 2021
Subject: Botany

Course ID: 61310

Course Code: SPBOT/604/SEC-4

Course Title: Mushroom Culture technology

Full Marks: 40

Time: 2 Hours

The figures in the margin indicate full marks

Answer all the questions.

UNIT I

1. Answer any five of the following questions: (2x5)

- a) Name one poisonous mushroom.
- b) What is inoculation hook?
- c) Write two nutritional values of mushrooms.
- d) Write one medicinal importance of mushroom.
- e) Name two common Indian food prepared from mushrooms.
- f) Write short term and long term storage of mushrooms.
- g) Name one National level of Mushroom Research Centre.
- h) What is the required temperature for cultivation of the fruitbody of *Agaricus bisporus*

UNIT II

2. Answer any four of the following questions: (5x4)

- a) Discuss the steps of mushroom storage in salt solution.
- b) Describe briefly the nutritive value of edible mushrooms .
- c) Comment on the Export Values of Mushrooms.
- d) Discuss the marketing systems of mushrooms in India and abroad.
- e) State briefly about the preparation of spawn.
- f) Discuss the factors affecting the mushroom –bed preparation.

UNIT III

3. Answer any one of the following questions: (10x1)

- a) Describe the Methods of cultivation of any one edible mushroom. Why mushroom cultivation is done in dark room? (9+1)
- b) Describe elaborately different diseases of mushrooms and their remedial measures. What is Cost benefit ratio? (8+2)