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RNLKWC/B.Sc./CBCS/IVS/SEC2T/22

2022

BOTANY

[Honours]

(B.Sc. Fourth Semester End Examination-2022)

PAPER-SEC2T

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

Mushroom Culture Technology

1. Answer any FIVE question: 5 x 2=10
- a) Mention two edible species of paddy straw mushroom largely cultivated in Orissa.
 - b) What are the different steps followed in mushroom cultivation?
 - c) Write the scientific names of two poisonous mushrooms.
 - d) What are the growing seasons and temperature requirements for Oyster and paddy straw mushroom?
 - e) What do you mean by low cost of mushroom cultivation?
 - f) Name two vitamins present in large quantities in mushroom.
 - g) What is Spawn. Mention its composition
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(2)

2. **Answer any FOUR of the following:** **4x5=20**
- a) What is pure culture? What are the different factors affecting mushroom cultivation? . 1+4
 - b) Discuss the long term storage procedure for mushroom. 5
 - c) Write the short note on Directorate of Mushroom Research, Solan HP. 5
 - d) Discuss the different types of food recipes prepared from mushroom. 5
 - e) Give the nutritional and medicinal value of mushroom. 5
 - f) Discuss the low cost outdoor cultivation of mushroom. 5
3. **Answer any ONE question:** **1 x 10=10**
- a) Briefly describe the cultivation procedure of paddy straw mushroom. 10
 - b) In brief discuss the composting technology in mushroom production. Write about the mushroom bed preparation for Oyster mushroom. 5+5
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