

SUB.CODE: 20PMB2A2

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**DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS & SCIENCE FOR WOMEN
(AUTONOMOUS)**
(For Candidates admitted from 2020-2021 onwards)
PG DEGREE EXAMINATIONS APRIL - 2021



**M.Sc., - MICROBIOLOGY
MUSHROOM TECHNOLOGY**

Time: 3 Hrs

Max.Marks: 75

PART - A

CHOOSE THE CORRECT ANSWER

(10X1=10)

- Mushroom is
a) Basidiomycetes b) Pteridophyta c) Thallophyta d) Mollusca
- One of the best edible species mushrooms under
a) Sahiwal b) Kasur c) Jhang d) Lahore
- Mushrooms are grown on compost prepared by mixing -----Wheat /paddy straw with urea
a) Spawn b) Chalk powder c) Both a & b d) None of the above
- Mushroom are very nutritious ,rich in proteins ,fiber and have ____
a) Citric acid b) amino acid c) Uric acid d) Folic acid
- One of the edible Species mushrooms under cultivation
a) Valvaria volvacea b) Amanita maesaria c) Armillariella mellea d) Amanita phalloides
- Mushroom cultivation is not useful in
a) Recycling in agricultural waste b) Biogas production
c) Biological control of crop production d) Preventing cancer
- 'Watery stip' disease of mushroom is caused by ____?
a) Virus b) Bacterium c) Streptomyces d) Mycoplasma
- St .Anthony' s fire disease is caused by
a) Bacteria b) Fungus c) Nematode d) Polechaete
- Commercial spawn is prepared from
a) Fruit body b) Spawn c) Mother spawn d) none of the above
- Edible Mushrooms are consumed by humans for their nutritional value and they are Occasionally consumed for their supposed_
a) Medicinal value b) Traditional value c) Both a & b d) None of the above

PART- B

ANSWER ALL THE QUESTIONS

(5X7=35)

11. a) Give short notes on edible Mushroom cultivation?

(OR)

b) List down some important edible mushrooms available in India.

12. a) How are mother cultures maintained for mushroom cultivation?

(OR)

b) Write about Preparation of media for mushroom cultivation in Laboratory.

13. a) Detail an account on the Mushroom bed preparation?

(OR)

b) Write a short note on Cultivation of Button mushroom?

14. a) Briefly Explain on Dry bubble?

(OR)

b) Comment on Mushroom mites?

15. a) Write about Precautions of Mushroom Cultivation?

(OR)

b) Detail an account on the Mushroom recipes in India?

PART-C

ANSWER ANY THREE QUESTIONS

(3X10=30)

16. Highlight the significance of Mushroom research and development?

17. Discuss the nutritional value and medicinal value of mushroom?

18. How are mushrooms cultivated in large scale in thatched houses? Explain?

19. Give an account on Bacterial diseases of Mushrooms?

20. Give a detailed account on Medicinal properties of Mushrooms?