(FOR THE CANDIDATES ADMITTED

DURING THE ACADEMIC YEAR 2022 ONLY)

22UBY6S4

REG.NO. :

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI
END-OF-SEMESTER EXAMINATIONS : MAY-2025
B.Sc.-BOTANY   **MAXIMUM MARKS: 50**
SEMESTER: VI   **TIME : 2 HOURS**

PART - IV
MUSHROOM CULTIVATION
                    SECTION – A   **(10 X 1 = 10 MARKS)**
ANSWER THE FOLLOWING QUESTIONS.   **(K1)**
1. Mushrooms belongs to the class _____.

        a) Zygomycetes   b) Oomycetes   c) Basidiomycetes   d) Ascomycetes

2. Mushrooms are a good source of potassium, which is important for maintaining _____.
        a) cell damage   b) fluid balance and blood pressure
        c) immune system   d) muscle and nerve function

3. In compost preparation. the compost is turned after every few days_____,
        (a) To uniformly mix all the ingredients   (b) To attain uniform moisture content
        (c) To ensure good supply of oxygen in the pile   (d) All the above

4. The mushrooms can be stored at _____ for few days.
        a) 4°C   b) 14°C   c) 24°C   d) 0°C

5. The most comforting mushroom recipe made with cream, onions and garlic is _____
        a) manchurian   b) soup   c) briyani   d) omlette

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES.   **(K2)**
6. What is basidiocarp?
7. List the nutrients in mushrooms.
8. What is spawn running?
9. What is the shelf life of mushrooms?
10. Name any three mushroom dry recipes.

                    SECTION – B   **(5 X 8 = 40 MARKS)**
ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.
11. a) Explain the life cycle of mushrooms.
                                (OR)
    b) Brief the general characters of mushrooms.

12.a) Bring out the nutritive values of mushrooms.
                                (OR)
    b) Detail the medicinal value of mushrooms.

13.a) Give the protocol for mushroom spawn preparation.
                                (OR)
    b) Differentiate the button and oyster mushroom cultivation methods.

14.a) Write a short note on the storage and preservation of mushrooms.
                                (OR)
    b) Bring out the post harvest operations in mushroom cultivation.
15.a) Mushroom Sandwich – detail the making procedure.
                                (OR)
    b) Discuss the preparation of Mushroom manchuraian.

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