

**Date:**

**Reg. No:**

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-27**

**B.Sc. (CBCS For Inter-departmental Elective) Botany - IV Semester**

**Semester Examination: April 2022**

**(Examination conducted in July 2022)**

**BO OE 4116 - Applied Botany**

Draw diagrams and write examples wherever necessary

This paper contains ONE printed page and THREE parts

**I. Answer any FIVE of the following. 5x2=10**

1. Mycelium
2. Biofertilizers
3. Hydroponics
4. Grain spawn
5. Pasteurization
6. Biocontrol agents
7. Bed log cultivation

**II. Write notes on any THREE of the following. 3x5=15**

1. Terrace gardening
2. Vermi-composting and its applications
3. Post-harvest and storage of mushrooms
4. Nutritional benefits of edible mushrooms
5. Any three diseases, casual organisms and control measures in mushrooms

**III. Write notes on any ONE of the following. 1x10=10**

1. Steps involved in cultivation of White Button Mushroom
2. List out any five food plants and five medicinal plants along with their uses