

**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 4118 - Applied Botany**

**Time- 1 ½ Hours Max. Marks–35**

**This paper contains ONE printed page and THREE parts**

**Draw diagrams wherever necessary**

**A. Define any FIVE of the following 5x2=10**

1. Botanical Name and part used of the plants: a) Mint& b) Garlic

2. Poisonous mushrooms

3. Botanical Name and part used of the plants: a) Sunflower & b) Castor

4. Stipe and Pileus

5. Spawn Running

6. Any two Beverage yielding plants with their scientific names

7. Vertical Gardening

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

8. Provide Botanical Name and Parts used for any two spice yielding plants

9. Vermicomposting

10. Medicinal values of edible mushrooms

11.Grain spawn production

12.Diseases of mushroom and control measures

**C. Give a comprehensive account of any ONE of the following 1x10=10**

13. Discuss the common & scientific Names, medicinal importance, parts used for the following plants;

 a. Turmeric

 b. Papaya

 c. Sandal Wood

 d. Eucalyptus

14. Steps involved in Oyster Mushroom cultivation