Register Number:

Date: /04/2019

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

**B.Sc. (CBCS FOR INTERDEPARTMENT ELECTIVE) BOTANY - IV SEMESTER**

**SEMESTER EXAMINATION: APRIL 2019**

**BO OE 4116 – Applied Botany**

**Time- 1 ½ Hours Max. Marks - 35**

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

**Draw diagrams and write examples where necessary**

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

1. Name any two beverage yielding plants and their parts used

2. Fungal mycelium

3. Spawn running in mushroom cultivation

4. Resins

5. Biofertilizers

6. Casing in mushroom cultivation

7. Soil less agriculture

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

8. Biological control of plant pests

9. Mushroom spawn and the production of grain spawn

10. Organic farming and its significance

11. Vermi-composting and its applications

12. Nutritional value of edible mushrooms

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

13. (a) Name any five medicinal plants and their parts used

(b) Ethnomedicine and its importance

14. Steps involved in the cultivation of oyster mushroom

BOOE 4116\_B