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Registered Number :

Date : 4-4-2018 (9AM)

**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU-560027**

**B.Sc. – IV SEMESTER**

**SEMESTER EXAMINATION: APRIL 2018**

**BO OE 4116 : Applied Botany**

**Time- 1 ½ hrs Max Marks- 35**

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

***Draw diagrams and write examples where necessary***

**A. Write on any FIVE of the following in two or three sentences: 5×2 = 10**

1. Resin
2. Ethnomedicine
3. Mushroom spawn
4. Biodegradable waste
5. Mycotoxins
6. Name any two beverage yielding plants
7. Casing in mushroom cultivation

**B. Write critical notes on any THREE of the following 3 × 5 = 15**

1. List any five food yielding plants with their uses
2. Processing and storage of mushrooms
3. Nutritional value of mushrooms
4. Biofertilizers and its significance
5. Types and methods of vermicomposting

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

1. Explain the various steps involved in cultivation of oyster mushroom
2. List out any five plants under each category and mention the part used and their uses in

a) Medicine

b) Oil

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