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Register Number:

DATE:

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

**UG – IV SEMESTER**

**SEMESTER EXAMINATION: APRIL 2017**

**BO OE 4116 : Applied Botany**

Time- 1 ½ hrs Max Marks-35

**This question paper has ONE printed page and THREE parts**

**Instructions: Draw diagrams and write examples wherever necessary**

**Time**  1½ hrs **Max.marks:35**

**I Answer any five questions in one or two sentences** **5x2=10marks**

1. Name two cereals
2. Blue green algae
3. Resin
4. Ethno botany
5. Pasteurization
6. Spawn
7. Packaging of mushrooms

**II Write critical notes on any three of the following** **3x5=15marks**

1. Biofertilizers and their uses
2. Write a note on vermicomposting and its applications
3. Mushroom toxins
4. Indoor composting for button mushrooms
5. Nutritional benefits of edible mushrooms

**III Give a comprehensive account on any one of the following** **1x10=10marks**

1. Explain the various steps in cultivation of paddy straw mushroom
2. List out any five plants under each category and write their uses

a) Medicine

b) Oil

**BO OE 4116- B-17**