

## **End Semester Practical Examination, 2017**

### **Botany**

**Paper : BOT-105**

**Full Marks: 25**

**Time: 3 Hour**

#### **Unit-I**

1. Comment on the gram nature of supplied bacterial sample **A/B**. Draw and comment on your observation. [Preparation:3, Drawing:1, Comment:2] 6
2. Comment on the nature of endospore of supplied bacterial sample **C/D**. Draw and comment on your observation. [Preparation:3, Drawing:1, Comment:2] 6
3. Find out sensitivity of supplied antibiotic **F**. [Principle:1, Work:2,Result:3, Comment:1] 7
4. Laboratory note book and report on visit. 2
5. Viva-Voce. 4

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#### **UNIT-II**

1. Make a suitable preparation of the supplied specimen '**A**'. Draw, label, describe and identify the specimen.  $1+1+1+2+1=6$
2. Workout the specimen '**B**', Draw, label, describe and identify the genus.  $1+1+1+2+1=6$
3. Identify the following specimen and/or slides '**C**' and '**D**'.  $1\frac{1}{2}+1\frac{1}{2}=3$
4. Laboratory note book and field report.  $2\frac{1}{2}+2\frac{1}{2}=5$
5. Viva-Voce 5