

Full Marks : 25

**PG (NEW) CBCS**  
**M.Sc. Semester-I Examination, 2018**  
**BOTANY**  
**PAPER: BOT-195**  
**(Practical)**



Time: 3 Hours

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**BOT 195.1 MICROBIOLOGY**

1. Comment on the Gram nature of supplied bacterial sample A/B. Draw and comment on your observation. 8

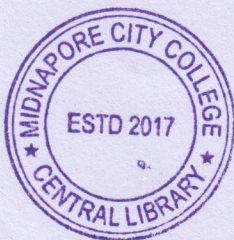
[Principle:2; Preparation:3; Drawing: 1; Comment: 2]

2. Comment on the nature of endospore of supplied bacterial sample C/D. Draw and comment on your observation. 8

[Principle: 2; Preparation: 3; Drawing: 1; Comment: 2]

3. Laboratory Note Book 4

4. Viva-voce 5



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**BOT 195.2 PHYCOLOGY & BRYOLOGY**

1. Make a suitable preparation of the supplied specimen 'A'. Draw, label, describe and identify the specimen. 6

[Preparation of slide: 1; Drawing: 1; Labelling: 1; Description: 2; Identification: 1]

2. Workout the specimen 'B'. Draw, label, describe and identify the genus. 6

[Preparation of slide: 1; Drawing: 1; Labelling: 1; Description: 2; Identification: 1]

3. Identify the following specimen and/ or slides 'C' and 'D'. 2+2= 4

4. Laboratory note book. 4

5. Viva-voce 5