

2019

B. Sc.

1st Semester Examination

**BOTANY (Honours)**

**Paper : C I-P**

**(Practical)**

Full Marks : 20

Time : 3 Hours

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

*Answer all the questions.*

**Biochemistry and Human Welfare**

1. Make a Gram staining of the supplied bacterial as sample 'A' and comment on its Gram nature 6

[Principle : 1, Work : 2, Drawing : 2, Comment : 1]

Or

Make a suitable preparation of sample 'A' and comment on it. 6

[ Turn Over ]

[Preparation : 2, Drawing and labelling 2, comment : 2]

2. Identify the supplied microscopic sample 'B' after studying its reproductive structures. 6

[Preparation : 1, Characterization : 2, Drawing with labelling : 2, Identification : 1]

3. Identify the specimen 'C', 'D' and 'E' with proper diagnostic characters.  $1 \times 3 = 3$

[Characterization :  $\frac{1}{2}$ , Identification :  $\frac{1}{2}$ ]

3. Laboratory Note Book. 2
4. Viva voce. 3
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