

2022

**BOTANY**

**[HONOURS]**

**(CBCS)**

**(B. Se. 1<sup>st</sup> End Semester Examination – 2022)**

**PAPER – C1P**

**PRACTICAL**

**Full Marks: 20**

**Time: 2 Hours**

**Microbiology & Phycology**

*The figures in the right hand margin indicate full marks.*

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

*Illustrate the answers wherever necessary.*

1. Prepare a temporary slide from supplied sample A. Use Gram Stain to study bacteria.  
Draw with labelled sketch, write procedure and identify it. 6  
[Slide preparation - 1, Drawing and labelling-1, Procedure -2,  
Identification-2]
  
2. Workout the Sample B. Draw with labelled sketch, describe the reproductive structure  
and identify the genus. 6  
[Slide preparation - 1, Drawing and labelling-2, Procedure -2,  
Identification-1]
  
3. Identify the specimens – C and D with reasons. 3  
[Identification – 1½, Reasons – 1½]
  
4. Submission Laboratory note Books and Slides. 2
  
5. Viva-Voce. 3