

**M. Sc. 1st Semester Examination, 2024**

**BOTANY**

( *Microbiology* )

( Practical )

PAPER – BOT-195.1

*Full Marks : 25*

*Time : 3 hours*

**Answer all questions**

*The figures in the right hand margin indicate marks*

1. Comment on the Gram nature of the supplied bacterial sample 'A'/'B'. 10  
[Principle : 2; Work : 3; Result : 2, Figure & Comment : 3]

( Turn Over )

( 2 )

2. Comment on the nature of bacterial endospore in supplied sample 'C'/'D'. 9  
[Principle : 2; Work : 3; Result : 2, Figure & Comment : 2]

*Or*

- Perform antibiotic sensitivity assay with the provided sample 'E' for the supplied bacterial sample 'F'. 9  
[ Principle : 2; Work : 3; Result : 2, Comment : 2]

3. Laboratory Note Book and Field Report. 2 + 1
4. Viva-voce. 3



