

2025

M.Sc. 1st Semester Examination

BOTANY

Paper : BOTC408X9

(Microbiology)

(Practical)

Set - 1

Full Marks : 25

Time : Two Hours

The figures in the margin indicate full marks.

1. Comment on the Gram nature of the supplied bacterial sample 'A'/'B'. 10

(Principle : 2; Work : 3; Result : 2; Figure and Comment : 3)

2. Comment on the nature of bacterial endospore in supplied sample 'C'/'D'. 9

(Principle : 2; Work : 3; Result : 2; Figure and Comment : 2)

P.T.O.

(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)

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| 3. Laboratory Notebook and field report. | 2+1 |
| 4. Viva-voce. | 3 |
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