

2025

M.Sc. 1st Semester Examination

MICROBIOLOGY

Paper : MCBC401X8

**(Microbial Isolation, Identification
and Maintenance)**

(Practical)

Full Marks : 25

Time : Eight Hours

The figures in the margin indicate full marks.

1. Enumerate the aerobic bacterial load in the supplied soil sample. Using two different strength of Media.

[Work - 3; Calculation and result - 3] 6

2. Observe and identify the unknown supplied microbial samples P, Q and R. 3×1=3

3. Perform the Indole production test of supplied bacterial sample.

[Principle - 3; Result - 3] 6

P.T.O.

(2)

Or

Perform the Voges-Proskauer (VP) test of supplied bacterial sample.

[Principle - 3; Result - 3]

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| 4. Laboratory Notebook. | 2 |
| 5. Viva-voce. | 3 |

Internal Assessment : 5 marks
