

M.Sc. 4th Semester Examination, 2025

MICROBIOLOGY

(Practical)

PAPER — MCB-493.1

Full Marks : 25

Time : 6 hours

Answer all questions

The figures in the right hand margin indicate marks

1. Determine the BOD level of supplied water sample. 7

(Principle - 2, Process - 3, Result - 2)

Or

Isolate antibiotic resistance bacteria from supplied sample.

(Principle - 2, Process - 3, Result - 2)

(Turn Over)

2. Determine the MPN of coliform group of bacteria in supplied water sample. 8
(Principle - 2, Process - 3, Result - 3)
3. Laboratory note book. 2
4. Viva voce. 3
5. Internal assessment. 5