

M.Sc. 4th Semester Examination, 2025

MICROBIOLOGY

(Food & Bioprocess Technology)

(Practical)

PAPER – MCB-493.2

Full Marks : 25

Time : 6 hours

Answer all questions

The figures in the right hand margin indicate marks

1. Estimate the unit of amylase activity from the supplied solid state fermentation medium. 10
(Procedure - 4, Work - 3, Result - 3)
2. Determine the organic acid content and Gram nature of bacteria in the supplied fermented food sample. 5
(Work - 2, Result and comment - 3)

(Turn Over)

STATE OF MICHIGAN
DEPARTMENT OF HEALTH
DIVISION OF LABORATORY SERVICES
LABORATORY OF CLINICAL MICROBIOLOGY

- 5 5. Internal assessment.
- 3 4. VIVA VOCE.
- 2 3. Laboratory notebook.