

M.Sc. 3rd Semester Examination, 2022

MICROBIOLOGY

PAPER – MCB-396.1

(Practical)

Full Marks : 25

Time : 10 hours

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

GROUP – A

Answer all questions : 20

1. Identify the supplied specimen *A* & *B* with suitable reasons (atleast *two*).

(Identification : 1.5 + 1.5, Reason : 2 + 2) 7

(Turn Over)

2. Enumerate the load of *Rhizobium* sp. in the supplied root nodule extract (C).
(Working: 3, Calculation: 2, Result & Comment: 3) 8

Or

- Quantify the amount of IAA in the supplied fermented broth medium (D).
(Working: 3, Calculation: 2, Result & Comment: 3) 8

3. Laboratory note book. 2
4. Viva voce. 3

GROUP – B

5. Internal Assessment. 5