

Microbiology (P.G.)

[CBCS]

M.Sc. Third Semester End Examination-2023

(Regular & Supplementary Paper)

PAPER-306

Practical

Agricultural Microbiology and Review Work

Full Marks: 50

Time: 02 Hrs

The figures in the right hand margin indicate marks

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

Illustrate the answers wherever necessary

Group A

Marks - 25

- 1) Give answer any one question
 - a. Enumerate the Azotobacter sp from the supplied soil sample.
(Principle-2, Procedure-5, Result-4 & Comment-4) 15
- 2) Isolate the VAM spores from supplied sample and observe under microscope.
(Principle-2, Procedure-5, Observation and Result-5, Interpretation- 3)

(2)

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| 3) Viva-voce | 5 |
| 4) Laboratory Note Book | 5 |

Group B

Marks - 25

- 1) Review work [15 marks]
- 2) Dissertation, Project Design [10 marks]