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PG/IS/MCB-106 A/13(Pr.)

M.Sc. 1st Semester Examination, 2013

MICROBIOLOGY

(Practical)

PAPER – VI MCB - 106 A

Full Marks : 25

Time : 4 hours

Answer all questions

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

1. Evaluate an α -amylase present in the solution by native gel electrophoresis. 8
(Procedure-3, Work - 3, Comment - 2)
2. Determine the K_m and V_{max} of the supplied enzyme solution. 8

(Turn Over)

(2)

Or

Estimate the quantity of protein in a bacterium.
(Principle - 3, Result - 5)

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|--------------------------|---|
| 3. Laboratory Note Book. | 2 |
| 4. Viva voce. | 2 |
| 5. Internal Assessment. | 5 |
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