

2012**M.Sc.****1st Semester Examination****MICROBIOLOGY****PAPER—VI MCB-106A****(PRACTICAL)**

Full Marks : 25

Time : 4 Hours

The figures in the right-hand margin indicate full marks.

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

Group—A

[Marks—25]

Answer all questions.

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 & V_{max} of the supplied enzyme solution.
Or
Estimate the quantity of DNA in a bacterium. 8
(Principle - 3, Result - 5)
3. Laboratory Note Book. 2
4. Viva Voce. 2
5. Internal Assessment. 5