

2010**M.Sc.****1st Semester Examination****MICROBIOLOGY****PAPER—VIA****(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.

Answer all questions.

1. Comment on the presence of α -amylase in the solution by native gel electrophoresis. 8
(Procedure - 3, Work - 3, Comment - 2)
 2. Estimate colorimetrically the total protein present in a bacterium. 8
(Principle - 3, Result - 5)
 3. Laboratory Note Book. 2
 4. Viva Voce. 2
 5. Internal Assessment. 5
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