

**2011****M.Sc.****1st Semester Examination****MICROBIOLOGY****PAPER—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. Comment on the presence of  $\alpha$ -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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