

2015**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. Determine the optimum pH of the supplied α -amylase solution and draw a graph on the basis of unit activity of the enzyme at varied pH. 8
(Procedure - 2, Work - 2, Result - 2, Graph - 2)
2. Estimate the quantity of protein/DNA in a bacterium. 8
(Principle - 3, Work - 2, Result - 3)
3. Laboratory Note Book. 2
4. Viva Voce. 2
5. Internal Assessment. 5

TB—100