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