2015

M.Sc.

1st Semester Examination

MICROBIOLOGY

PAPER—MCB-105B

(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—B

[Marks : 25]

Answer all questions.

1. Make a suitable staining of the supplied bacterial sample (A). Draw microscopic view of the stained bacteria and give your comment on the gram nature of the organism.

   (Work – 1, Staining – 2, Drawing – 1, Comment – 1)

(Turn Over)
2. Find out the MBC of supplied antibiotics (x,y,z) against the organism (B) and give your comment on it. 5

\((Work - 1, Result - 3, \ Comment - 1)\)

3. Find out the effect of a supplied chemicals (Z) on the growth kinetics of bacteria (C). 5

\((Work - 1, Result - 3, \ Comment - 1)\)

4. Laboratory Note Book. 2

5. Viva Voce. 3

6. Internal Assessment. 5