

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.

5

*(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
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