

2012

M.Sc.

1st Semester Examination

MICROBIOLOGY

PAPER—V 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 endospore of supplied bacterial sample (A). Draw microscopic view of the stained bacteria and give your comment on it. 5
(Work - 1, Stain - 2, Drawing - 1, Comment - 1)
2. Find out the MIC value of supplied antibiotics (C, D, E) against the organism (B) and give your comment on it. 5
(Work - 1, Result - 3, Comment - 1)
3. Show the fermentative capacity of the supplied bacterial sample (F) against the following sugars (G, H and I) and give your comment. 5
(Work - 1, Result - 3, Comment - 1)
4. Laboratory Note Book. 2
5. Viva Voce. 3
6. Internal Assessment. 5