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PG/IS/MCB-105 B/13(Pr.)

M.Sc. 1st Semester Examination, 2013

MICROBIOLOGY

(Practical)

PAPER – V MCB - 105 B

Full Marks : 25

Time : 4 hours

Answer **all** questions

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

GROUP – B

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)

(Turn Over)

(2)

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
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