

2016

M.Sc.

3rd Semester Examination

MICROBIOLOGY

PAPER—MCB-305B

(PRACTICAL)

Full Marks : 25

Time : 2.5 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**

Answer all questions.

1. Enumerate the bacterial load in the supplied urine sample. Find out the antibiogram profile of the bacteria present in the urine sample against the supplied antibiotics.

Or

(Turn Over)

Determine the fermentation efficiency of the given bacterial culture against the supplied sugar samples. Find out indole production and citrate utilization efficiency of the given bacterial culture. 14

*(Procedure-2+2, Result-4+4, Comment-1+1)*

2. Viva-voce. 3
  3. Laboratory Note Book. 3
  4. Internal assessment. 5
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