

**M.Sc. 3rd Semester Examination, 2018**

**MICROBIOLOGY**

(Practical)

PAPER — MCB-305(B)

Marks : 25

Time :  $2\frac{1}{2}$  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*

1. Determine the antibiotic sensitivity profile of the bacteriapresentin supplied urine sample against the supplied antibiotics.

(Work = 3; Result and Interpretation = 3)

( Turn Over )

( 2 )

2. Perform the indole and citrate test of the given bacterial culture.

*Or*

Determine lactose fermentation and catalase production ability of the given bacterial culture.

Work = 2 + 2; Result and Comment = 2 + 2

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