



RAE-9048

Seat No. _____

M. D. (Branch - IX) Examination

March / April - 2019

Microbiology : Paper - I

(General Microbiology & Immunology)

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Figure on right side indicates full marks of the questions.
- (2) Draw neat and clean diagram wherever it is necessary.
- (3) All questions are compulsory.

- 1 Describe laboratory methods and strategies for antimicrobial susceptibility testing. **33**
- 2 Describe in detail about the structure and functions of various lymphoid organs and cells of immune systems. **33**
- 3 Write notes on : **34**
- (a) Immunological Tolerance.
- (b) Automated Culture Techniques.
