

QP Code: 101109

Reg. No.:.....

PG Degree Examinations in Microbiology (MD) April 2018

Paper I – General Microbiology and Immunology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Describe the different mechanisms of antibiotic resistance. Add a note on measures taken to minimize emergence of drug resistance in infections.

Short essays:

(8x10=80)

2. Methods of anaerobiosis
3. OT disinfection protocol and its assessment.
4. Immunological tolerance
5. Western blot test
6. Bacterial toxins
7. Hybridoma technology
8. Biosafety cabinets and its performance testing.
9. Methods of isolating bacteria in pure culture.
