

Q.P. Code: 205001

Reg. no.:

Second Professional MBBS Degree Examinations February 2018

Microbiology - Paper I

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay: (10)

1. Define sterilization and disinfection. Name the best method of heat sterilization temperature/s employed and holding periods. Describe the working of above instrument and its applications in hospital and lab. What are the sterilization controls used. (2+2+4+2)

Short essay: (2x5=10)

2. Type 4 hypersensitivity
3. Laboratory diagnosis of pulmonary tuberculosis

Short notes: (10x2=20)

4. Laboratory diagnosis of cholera
5. Radiation as a sterilization method
6. Enriched media
7. IgA
8. Define artificial active immunity with two examples
9. ELISA – types and applications
10. Laboratory diagnosis of urinary tract infection
11. Laboratory diagnosis of brucellosis
12. Laboratory diagnosis of actinomycosis
13. Satellitism
