

Rajiv Gandhi University of Health Sciences, Karnataka
MBBS (Phase - II) Degree Examination - 23-Nov-2020

Time: Three Hours**Max. Marks: 100 Marks****MICROBIOLOGY – PAPER I (RS3)****Q.P. CODE: 1083**

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

LONG ESSAYS**2 x 10 = 20 Marks**

1. Describe the etiology, pathogenesis, clinical manifestations, complication and laboratory diagnosis of urinary tract infections.
2. Classify antigen antibody reactions in vitro. Describe immunofluorescent tests with examples.

SHORT ESSAYS**10 x 5 = 50 Marks**

3. Autoclave.
4. Sporocidal disinfectants.
5. Anaphylaxis.
6. Role of IgA antibody in protection against infections.
7. Live attenuated vaccine.
8. Conjugation.
9. Enterococci.
10. Coagulase test
11. Chlamydia trachomatis.
12. Q. fever

SHORT ANSWERS**10 x 3 = 30 Marks**

13. Tetanus toxoid.
14. Alternate complement pathway.
15. MHC restriction (Major Histocompatibility complex restriction).
16. Sterilization of endoscopes.
17. Transposons
18. Endotoxic shock.
19. Cultivation of Mycobacterium tuberculosis.
20. Horror autotoxicus.
21. Latex agglutination tests.
22. Significant bacteriuria.
