



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - MAR/APR 2017

Time: Three Hours

Max. Marks: 80 Marks

Microbiology – Paper II (RS-3 Scheme)

Q.P. CODE: 3157

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Classify Mycobacteria. Describe in detail pathogenicity and laboratory diagnosis of Pulmonary Tuberculosis.
2. Enumerate the organisms causing Pyogenic infections. Describe the laboratory diagnosis of Staphylococcus aureus manifestations.
3. Describe the morphology, life cycle, pathogenicity and laboratory diagnosis of Ancylostoma duodenale.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. C – Reactive Protein
5. Pathogenicity and laboratory diagnosis of Neisseria gonorrhoea
6. Laboratory diagnosis of Anthrax
7. Virulence factors of Streptococcus pyogenes
8. Bacillary dysentery
9. Cryptosporidium
10. VDRL test
11. Lepromin test

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Name any three organisms causing hospital-acquired infections.
13. Microfilaria
14. Quellung's reaction
15. Name three arthropods of medical importance.
16. Oxidase test
17. Pneumonic plague
18. Milk ring test
19. Draw a neat labeled diagram of E. histolytica.
20. Larva migrans
21. Erythrocytic schizogony
22. Concentration methods in stool examination
23. Scolex of Taenia solium
