



Rajiv Gandhi University of Health Sciences, Karnataka

III year B.Sc. (M.L.T) Degree Examination – April 2017

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY – III (RS-2)

Q.P. CODE: 2902

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

2 x 10 = 20 Marks

1. Enumerate the etiological agents causing enteric fever. Explain the pathogenicity, laboratory diagnosis and prophylaxis of enteric fever.
2. Define and classify hypersensitivity. Explain type I hypersensitivity in detail.
3. Classify Streptococci. Explain the morphology, cultural characters, toxins produced, pathogenicity and laboratory diagnosis of Streptococcus pyogenes.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. UTI
5. ELISA
6. Laboratory diagnosis of Syphilis
7. Mycobacterium leprae
8. Prophylaxis of tetanus
9. Innate immunity
10. Biological effects of complement
11. 'T' lymphocytes

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Local immunity
13. What is Heterophile antigen? Give example.
14. Graft versus host reaction
15. Structure of IgA
16. MRSA
17. Gardnerella vaginalis
18. RNTCP
19. Name six bacterias causing Pyogenic meningitis.
20. Satellitism
21. Name six bacterias causing food poisoning.
22. Bacterial Zoonosis
23. El-tor vibrios

