



Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. (M.L.T) Degree Examination – APRIL 2015

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY – III (Revised Scheme)

Q.P. CODE: 1610

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. What is complement? Explain the properties, pathways of activation and biological effects of complement.
2. Explain the morphology, pathogenicity, laboratory diagnosis and prophylaxis of Rabies.
3. Enumerate the superficial mycosis. Explain the morphology, pathogenicity and laboratory diagnosis of dermatophytes.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Prophylaxis of Polio
5. HBsAg
6. Antigenic variation in influenza
7. Laboratory diagnosis of HIV-AIDS
8. Cryptococcosis
9. Anaphylaxis
10. Definition and mechanism of autoimmunity
11. Passive immunity
12. T lymphocytes
13. Monoclonal antibodies

SHORT ANSWERS

10 x 2 = 20 Marks

14. Draw a neat diagram of IgA.
15. Give four application of agglutination reaction.
16. Allograft
17. Zygomycosis
18. Germ tube test
19. Contact dermatitis
20. Molluscum contagiosum
21. Give four differences between bacterias and viruses.
22. Name four viral haemorrhagic fevers.
23. Hepatitis C virus (HCV)
