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Rajiv Gandhi University of Health Sciences

QP CODE : 1610

THIRD YEAR B.Sc. (M.L.T.) DEGREE EXAMINATION, September-2005
MICROBIOLOGY - III

Time : Three Hours | Maximum Marks :80 Marks

Your answer shall be specific to the questions asked.
Draw neat and labelled diagrams wherever necessary

Long Essays

1. Classify immunity. Discuss innate immunity in detail.
2. Draw a neat labelled diagram of human immunodeficiency virus. Discuss its laboratory diagnosis in detail.
3. What are dimorphic fungi. Discuss the etilogy and laboratory diagnosis of sporo-trichosis

[2 x 10 = 20 marks]

Short Essays

4. Cultivation of virsus
5. Complement fixation test
6. Arbovinuses
7. Shell vial techniques
8. Hypersentivity reaction type III
9. Agglutination
10. Cryptococcus
11. Mycetoma
12. Bacteriophage
13. Mycotoxin

[8 x 5 = 40 marks]

Short Answers

14. Negative staining
15. Slide culture
16. KOH preparation
17. Precipitation
18. Elisa
19. Mollusum contagiosum
20. Rhinosporidiosis
21. Immuno fluorescence
22. Inclusion bodies
23. Sabonrands dextrose agar

[10 x 2 = 20 marks]