



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination – May 2016

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY – II (RS-2)

Q.P. CODE: 1232

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. Discuss the pathogenicity, clinical manifestations and lab diagnosis of Histoplasma capsulatum
2. Give a detailed account of the morphology, life cycle, clinical manifestations and laboratory diagnosis of Leishmania donovani
3. List the viruses affecting the liver. Describe the modes of transmission, pathogenesis and laboratory diagnosis of Hepatitis B virus.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Trichophyton rubrum
5. Eumycotic mycetoma
6. Cultivation of viruses
7. Polio vaccines
8. Laboratory diagnosis of Human Immunodeficiency Virus infection
9. Laboratory diagnosis of malaria
10. Life cycle of Toxoplasma gondii
11. Concentration methods for stool examination

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Sabouraud's dextrose agar
13. Otomycosis
14. Pre-erythrocytic schizogony
15. Cysticercus cellulosae
16. Xenodiagnosis
17. Egg of Hookworm
18. Brugia malayi
19. Variola virus
20. Yellow fever
21. Negri body
22. Rota virus
23. Name any three oncogenic DNA viruses
