



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination - Sep 2012

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. Enumerate parasites found in blood. Describe briefly Morphology, life cycle, Pathogenicity and Laboratory diagnosis of Plasmodium falciparum.
2. List the Hepatitis viruses. Describe the Morphology, life cycle, Pathogenicity, laboratory diagnosis and prophylaxis of hepatitis B virus.
3. Name the Cestodes pathogenic to man. Explain briefly Morphology, lifecycle, pathogenicity and Laboratory diagnosis of Echinococcus granulosus.

SHORT ESSAYS (Answer any Six)

6 x 5 = 30 Marks

4. Pathogenicity and laboratory diagnosis of Amoebiasis
5. Microfilaria
6. Life cycle and pathogenicity of Ancylostoma duodenale
7. Immunoprophylaxis of Polio
8. Swine Influenza
9. Herpes simplex virus
10. Histoplasmosis
11. Dermatophytes

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

12. Egg of Trichuris trichiura
13. Morphology of Giardia Lamblia
14. NIH Swab
15. Eggs of Ascaris Lumbricoides
16. Name three Antiviral agents
17. Interferon
18. Inclusion Bodies
19. Paul Bunnell Test
20. MMR vaccine
21. Lactophenol cotton blue
22. Define Dimorphic fungi. Give TWO examples.
23. Three differences between Mucor and Rhizopus.

