

**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 (Revised Scheme)****Q.P. CODE: 1607**

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. Name the bacteria producing diarrhea. Write the laboratory diagnosis of bacillary dysentery
2. Enumerate intestinal nematodes. Write the life cycle and laboratory diagnosis of *Ascaris lumbricoides*
3. Name the spore bearing bacteria. Write the laboratory diagnosis of Gas gangrene

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Virulence testing in diphtheria
5. Laboratory diagnosis of typhoid fever
6. Laboratory diagnosis of gonorrhea
7. Erythrocytic stages in malaria
8. Tuberculin test
9. Petroffs concentration technique
10. Life cycle of *Taenia solium*
11. Draw and label morphological forms of *trichomonas vaginalis*
12. Laboratory diagnosis of Toxoplasmosis
13. Differences between classical and El-Tor vibrios

SHORT ANSWERS**10 x 2 = 20 Marks**

14. Microfilaria
15. Toxins produced by *staphylococcus aureus*
16. Name 2 anaerobic media
17. Name halophilic vibrios
18. Name the brucella species
19. Name intermediate hosts in *fasciola hepatica*
20. Name the two specific tests for syphilis
21. Lepa reaction
22. Name 2 citrate utilizing bacteria
23. What is MRSA?

