

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination – Aug 2013

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. Enumerate Spirochetes of medical importance. Discuss the morphology and laboratory diagnosis of *Treponema pallidum*.
2. Describe the cultural characteristics, pathogenesis and laboratory diagnosis of Shigellosis.
3. Enumerate the intestinal Nematodes. Discuss the life cycle and laboratory diagnosis of *Ascaris lumbricoides*.

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

4. Classification of *Streptococcus*
5. Nagler's reaction
6. *Pseudomonas aeruginosa*
7. Laboratory diagnosis of pulmonary tuberculosis
8. Laboratory diagnosis of Enteric fever
9. *Balantidium coli*
10. Life cycle of *Toxoplasma gondii*
11. Describe the morphology and life cycle of *Diphyllobothrium latum*
12. Hydatid cyst
13. *Fasciola hepatica*.

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

14. Mention any four bacteria causing diarrhoea
15. Mention any four Gram positive bacteria associated with disease
16. Mention any four selective media used in bacteriology
17. Tetanus toxoid
18. Classification of *Mycobacteria*
19. Morphology of Hookworm egg
20. *Giardia lamblia*
21. Mention two biological vectors and the parasitic diseases transmitted
22. Scolex of *Taenia solium*
23. Bubonic plague.
