



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (M.L.T) Degree Examination – APRIL 2017

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. Describe the morphology, life cycle, pathogenicity, and clinical manifestations of *Entamoeba histolytica*.
2. Classify *Staphylococcus*. Discuss in detail the pathogenicity and laboratory diagnosis of *Staphylococcus aureus*.
3. Discuss in detail the pathogenicity of *Mycobacterium tuberculosis*. Add a note on laboratory diagnosis of Pulmonary Tuberculosis.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Non suppurative complications of *Streptococcus pyogenes*
5. Laboratory diagnosis of Meningococcal meningitis
6. Toxigenicity testing for *Corynebacterium diphtheria*
7. Lepromin test
8. Life cycle of malaria
9. *Toxoplasma gondii*
10. Differences between *Taenia saginata* and *Taenia solium*
11. Pathogenicity and clinical manifestations of *Schistosoma haematobium*
12. Morphology and life cycle of *Trichinella spiralis*
13. *Brugia malayi*

SHORT ANSWERS

10 x 2 = 20 Marks

14. CAMP test
15. Bile solubility test
16. Stormy clot fermentation
17. Enteroinvasive *E.coli*
18. Detection of carriers of enteric fever
19. Define definitive host. Give one example.
20. Clinical manifestation of *Giardia lamblia*
21. Scolex of *Diphyllobothrium latum*
22. Name two clinical manifestations of *Ancylostoma duodenale*.
23. Laboratory diagnosis of Dracunculiasis

