

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - MARCH 2018

Time: Three Hours

Max. Marks: 80 Marks

Microbiology – Paper II (RS-3 Scheme)

Q.P. CODE: 3157

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAY (Any Two)

2 x 10 = 20 Marks

1. Name the etiological agents of Typhoid fever. Describe the pathogenicity and laboratory diagnosis of Typhoid fever.
2. Name the etiological agent of Diphtheria. Explain the pathogenicity and laboratory diagnosis of Diphtheria.
3. Enumerate the malarial parasites. Describe the life cycle of malarial parasite in mosquito. Add a note on the laboratory diagnosis of malarial parasites.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Virulence factors of Staphylococcus aureus
5. Standard Tests for Syphilis (STS)
6. Laboratory diagnosis of cholera
7. Laboratory diagnosis of pulmonary tuberculosis
8. Life cycle and laboratory diagnosis of pinworm
9. Lepromin test
10. Name the etiological agent of Kala-Azar. Add a note on its laboratory diagnosis.
11. Life cycle of Hookworm

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Name the pigments produced by Pseudomonas.
13. Stormy fermentation
14. Morphology of Leptospira
15. Name the spore forming bacteria.
16. Catalase test
17. Larval forms of Fish tapeworm
18. Bile solubility test
19. Casoni's test
20. Morphology of Gonococcus
21. Egg of Whipworm
22. Name three species of Schistosoma.
23. Name three Exotoxins.
