

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - 28-Nov-2023

Time: Three Hours

Max. Marks: 80 Marks

Microbiology – II (RS3)

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. Classify Streptococci. Explain the morphology, cultural characters, virulence factors and pathogenicity of Streptococcus pyogenes. Add a note on its laboratory diagnosis.
2. Enumerate the Bacterial causes of PUO. Explain in detail the etiological agent, pathogenicity and laboratory diagnosis of Enteric fever.
3. Name the intestinal nematodes. Give an account of the morphology, life cycle, pathogenicity and laboratory diagnosis of Ascaris lumbricoides.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Giardia lamblia
5. Microfilaria
6. Laboratory diagnosis of UTI
7. Antibiotic Sensitivity test
8. Laboratory diagnosis of Syphilis
9. Bacillary Dysentery
10. Prophylaxis of tetanus
11. Toxoplasmosis

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. RNTCP
13. Malignant pustule
14. Draw a neat diagram of Entamoeba histolytica trophozoite and cyst.
15. Define definitive host and give two examples.
16. NIH Swab
17. Name six bacterias causing Pyogenic meningitis.
18. MRSA
19. Satellitism
20. TRIC agents
21. Weil – Felix test
22. El-tor Vibrio
23. Presumptive Coliform Count
