

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (MLT) Degree Examination - 04-Jun-2024

Time: Three Hours

Max. Marks: 80 Marks

Microbiology – II (RS-3)

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 the genus streptococci. Explain the virulence factors, pathogenicity and laboratory diagnosis of Streptococcus pyogenes.
2. Name the medically important clostridium. Explain the pathogenicity, laboratory diagnosis and prophylaxis of Clostridium tetani.
3. Name the intestinal Nematodes. Explain the life cycle and laboratory diagnosis of Ascaris lumbricoides.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Laboratory diagnosis of Malaria.
5. Hydatid cyst.
6. Morphology and pathogenicity of Entamoeba histolytica.
7. Giardia lamblia.
8. Pyogenic meningitis.
9. Laboratory diagnosis of UTI
10. Non-sporing Anaerobes.
11. Bacillary dysentery.

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. BCG
13. Malignant pustule.
14. Morphology of Streptococcus Pneumoniae.
15. IMViC test.
16. Satellitism.
17. RPR
18. Halophilic vibrio
19. MRSA
20. NIH swab
21. DPT
22. Draw a neat diagram of Microfilaria and name the parts.
23. Draw morphological forms of P. falciparum.
