

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. (MLT) Degree Examination - 26-Dec-2022

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. Name the etiological agent of Cholera. Explain the pathogenesis, clinical features and laboratory diagnosis of Cholera.
2. Enumerate the bacterial STDs. Explain the etiological agent, pathogenicity and laboratory diagnosis of Syphilis.
3. List the tissue Nematodes. Explain the lifecycle, pathogenicity and lab diagnosis of Wuchereria bancrofti.

SHORT ESSAY (Any Six)

6 x 5 = 30 Marks

4. Lifecycle of Ascaris lumbricoides.
5. Lab diagnosis of Malaria.
6. Trichomonas vaginalis.
7. LD bodies.
8. Prophylaxis of Diphtheria.
9. Food poisoning.
10. Normal flora.
11. Antibiotic sensitivity test.

SHORT ANSWERS (Any Ten)

10 x 3 = 30 Marks

12. Elek's gel precipitation test.
13. Robertson's cooked meat media.
14. Balantidium coli.
15. Draw a neat diagram of the morphological forms of Entamoeba histolytica.
16. Concentration method of stool.
17. Name six medically important Trematodes.
18. Coagulase test.
19. Name six etiological agents of pyogenic infections.
20. Montoux test.
21. Intermediate host with examples.
22. Gametocytes of plasmodium falciparum.
23. Bacteriological analysis of milk.
