

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year B.Sc. (M.L.T) Degree Examination – 26-Dec-2022

Time: Three Hours

Max. Marks: 100 Marks

MICROBIOLOGY – II (RS-4)

Q.P. CODE: 3280

Your answers should be specific to the questions asked.
Draw neat,
labeled diagrams wherever necessary

LONG ESSAYS (Second Question Choice)

2 x 10 = 20 Marks

1. Explain in detail lifecycle pathogenesis and laboratory diagnosis of Malaria.
2. Classify Streptococci. Discuss in detail virulence factors and infections caused by Streptococcus pyogens.

OR

Discuss in detail pathogenesis and laboratory diagnosis of Staphylococcus aureus.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. DPT vaccine.
4. Peripheral smear and its uses.
5. Describe briefly cutaneous Anthrax.

OR

Non tubercular Mycobacteria.

6. Extra intestinal Amoebiasis.
7. Life cycle of Ascaris lumbricoides.
8. Fever of unknown origin.
9. Laboratory diagnosis of Cholera.
10. Diarrheagenic Escherichia coli

OR

Laboratory diagnosis of Gonorrhoea.

11. Life cycle and laboratory diagnosis of Wuchereria bancrofti.
12. Write a note on Gas Gangrene

SHORT ANSWER

10 x 3 = 30 Marks

13. Name three Bile-stained eggs.
14. Pneumococcal vaccine.
15. Coagulase test.
16. Name three opportunistic parasites.
17. Diagram of Trichuris egg.
18. Name three bacterial toxins.
19. Oxidase test.
20. Iodine mount.
21. VDRL test.
22. Albert stain.
