

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year B.Sc. (M.L.T) Degree Examination – 26-Nov-2024

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. Discuss in detail pathogenesis and laboratory diagnosis of Mycobacterium Tuberculosis.
2. Describe the life cycle and clinical manifestations of Strongyloides stercoralis.

OR

Describe morphology and lab diagnosis of Entamoeba histolytica.

SHORT ESSAYS (Question No 5 & 10 choice)

10 x 5 = 50 Marks

3. Antibiotic susceptibility test.
4. Sedimentation technique for stool examination.
5. String test.

OR

CAMP test.

6. MMR vaccine.
7. Clinical manifestation of Treponema pallidum.
8. Laboratory diagnosis of Non-Gonococcal Urethritis.
9. Explain briefly Erythrocytic schizogony.
10. Methicillin resistant Staphylococcus aureus.

OR

Virulence factors of streptococcus pyogenes.

11. Widal test.
12. Dracunculus medinensis.

SHORT ANSWER

10 x 3 = 30 Marks

13. Name three bacteria causing meningitis.
14. Wet mount of parasites.
15. Name three causative agents of UTI.
16. Uses of toxin mediated diseases.
17. Name three medically important species of plasmodium.
18. Name three non bile-stained eggs.
19. Catalase test.
20. Name three Gram positive bacillus.
21. Larva migrans.
22. Satellitism.
