

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination – 01-Dec-2023

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY

(RS3 – Medical Laboratory Technology, Medical Imaging Technology and Radiotherapy Technology
RS2 – Operation Theatre Technology, Cardiac Care Technology, Perfusion Technology, Renal
Dialysis Technology, Respiratory Care Technology, Anaesthesia Technology and Neurosciences
Technology)

Q.P. CODE: 3155

(QP contains two pages)

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

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

1. Louis Pasteur.
2. Selective media.
3. Active immunity.
4. Mucor mycosis.
5. Bacterial growth curve.
6. Laboratory diagnosis of Hookworm infection.
7. Gram staining technique.
8. Modes of transmission of infection.
9. Autoclave.
10. Laboratory diagnosis of viral infection.

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

11. LPCB mount.
12. Name any three differences between Amoebic and Bacillary dysentery.
13. Tyndallization.
14. Cholera red reaction.
15. VDRL test.
16. Coagulase test.
17. Lawn culture.
18. Draw neat labeled diagram of bacterial flagella.
19. Define hypersensitivity. Classify hypersensitivity.
20. Germ tube test.
21. Name any three opportunistic infections in HIV.
22. Name any three Universal precautions.

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TO THE POINT ANSWERS (Answer any Five)

5 x 2 = 10 Marks

23. Name two infections caused by Staphylococcus aureus
24. Mantoux test.
25. Name any two non-bile stained ova.
26. Treatment of Biomedical waste.
27. Draw neat labeled diagram of Hepatitis B virus.
28. Name any two parasites causing anaemia.
29. Name any two transport media for culturing Vibrio.
