

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 18-Jan-2024

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY **(RS-2, RS-3, RS-4 & RS-5)**

Q.P. CODE: 1759

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

LONG ESSAYS

2 x 10 = 20 Marks

1. Explain in detail the morphology, cultural characteristics, laboratory diagnosis, pathogenicity and prophylaxis of vibrio cholerae.
2. Classify the genus Mycobacterium. Explain in detail about the morphology and cultural characteristics, laboratory diagnosis, pathogenicity and prophylaxis of Mycobacterium tuberculosis.

SHORT ESSAYS

7 x 5 = 35 Marks

3. Define culture method. Explain any two methods in detail.
4. Explain Bacterial growth curve.
5. Explain differential culture media.
6. Define sterilization. Explain sterilization by radiation.
7. Define nosocomial infection. Explain urinary tract infection in detail.
8. Define antibody. Write the functions of IgM immunoglobulin.
9. Define hypersensitivity reactions. Explain type IV hypersensitivity reactions.

SHORT ANSWERS

10 x 2 = 20 Marks

10. Name two contribution of joseph lister.
11. Give two examples of Gram-positive cocci.
12. Give two examples of Aerobic bacteria.
13. Define antiseptic.
14. Define contagious disease.
15. Define Primary infection.
16. Mention the use of TAB vaccine.
17. Name two DNA viruses.
18. Name three diseases caused by clostridium.
19. Name two diseases caused by spirochetes.
