

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – 14-Feb-2022

Time: Three Hours**Max. Marks: 75 Marks**

MICROBIOLOGY **(RS2, RS3, RS4 & RS5)** **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 the pathogenesis, clinical features, diagnosis of Salmonella typhi.
2. Explain in detail the morphology, cultural characteristics, pathogenicity, laboratory diagnosis of streptococcus pyogenes.

SHORT ESSAYS**7 x 5 = 35 Marks**

3. Explain harmful effects of microorganisms.
4. Draw a neat labeled bacterial cell. Explain bacterial nucleus.
5. Explain the different cultural media.
6. Define nosocomial infection. Explain wound infection in detail.
7. Define bio-medical waste. Describe the different methods of bio-medical waste treatment.
8. Define vaccine. Describe BCG vaccine.
9. Define immunity. Explain innate immunity.

SHORT ANSWERS**10 x 2 = 20 Marks**

10. Define medical microbiology.
11. Mention any two transport media.
12. Define slide agglutination.
13. Name the parasites whose cysts are detected in stool microscopy.
14. Name two cutaneous infection.
15. Define Cold Chain.
16. Define iatrogenic infection.
17. Give two examples of Aerobic bacteria.
18. Mention four types of immunoglobulins.
19. Define immunization.
