

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – 16-Feb-2022

Time: Three Hours**Max. Marks: 80 Marks****MICROBIOLOGY (RS)****Q.P. CODE: 1681**

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

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Describe the morphology of a bacterial cell with the help of a neat diagram and mention the functions of various appendages
2. Enumerate antigen-antibody reactions. Describe the Principle, methodology and clinical applications of agglutination reaction with suitable examples
3. Mention the etiological agents of meningitis. Discuss the pathogenesis and laboratory diagnosis of acute pyogenic meningitis

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. CAMP Test
5. Malignant pustule
6. Lab diagnosis of syphilis
7. Cultivation of viruses
8. Infectious mononucleosis
9. Polio vaccines
10. Dengue virus
11. Entamoeba histolytica
12. Larva migrans
13. Cysticercosis

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

14. Draw a neat labeled diagram of Giardia
15. Name four bile stained eggs (OVA)
16. Universal safety precautions
17. Name two bacteria causing Nosocomial infection
18. Name two live attenuated viral vaccines
19. Name two opportunistic parasites
20. Draw a neat and labeled diagram of HIV
21. Name two selective media with examples
22. Cold sterilization
23. Name two chemical disinfectants
