

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 2017

Time: Three Hours**Max. Marks: 80 Marks**

MICROBIOLOGY (Revised Scheme)

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. Define infection. Describe the various modes of transmission of infection.
2. Enumerate the various organisms causing Urinary tract infection. Discuss in detail laboratory diagnosis of Urinary tract infection.
3. Describe the morphology of HIV. Add a note on the laboratory diagnosis of HIV infection.

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

4. Autoclave
5. Agglutination reactions
6. Draw the structure of Hepatitis B virus and laboratory diagnosis.
7. Universal precautions
8. Opportunistic infections
9. Amoebic dysentery
10. Gas gangrene
11. Pathogenesis and laboratory diagnosis of Staphylococcus aureus
12. Tuberculin test
13. Candida albicans

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

14. List two contributions of Robert Koch.
15. Name two selective media.
16. DPT vaccine
17. Name two organisms causing food poisoning.
18. Draw a labeled diagram of Trichomonas vaginalis.
19. Name two DNA viruses.
20. Name four disinfectants.
21. Name two bile stained eggs.
22. Draw a diagram of immunoglobulin G.
23. Name two capsulated organisms.
