

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – SEPTEMBER 2015

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 and classify sterilization. Describe in detail about Hot air oven.
2. Describe in detail the laboratory diagnosis of enteric fever.
3. Describe morphology, mode of transmission and laboratory diagnosis of Hepatitis B.

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

4. Laboratory diagnosis of infections caused by Staphylococcus aureus
5. Opportunistic mycosis
6. Urinary tract infection
7. Bacterial capsule
8. Type IV hypersensitivity
9. Laboratory diagnosis of Malaria
10. Mention the role of a nurse in the control of hospital acquired infection.
11. Bacterial growth curve
12. Laboratory diagnosis of syphilis
13. Post exposure prophylaxis in HIV

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

14. Name two enriched media.
15. Name three infections caused by Clostridium species.
16. Name two uses of ELISA.
17. Name two organisms causing meningitis.
18. Louis Pasteur
19. Name two gaseous disinfectants.
20. Write two differences between active and passive immunity.
21. Draw a diagram of Immunoglobulin M.
22. Polio vaccines
23. Name two stool concentration techniques.
