

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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 Autoclave.
2. Discuss the laboratory diagnosis of cholera.
3. Describe the life cycle of *Ancylostoma duodenale* with a neat, labelled diagram.

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

4. Bacterial flagella
5. VDRL test
6. Laboratory diagnosis and prophylaxis of rabies
7. Write briefly about the modes of transmission of infection.
8. *Candida albicans*
9. Hospital acquired infection.
10. Describe the laboratory diagnosis of pulmonary tuberculosis.
11. Anaphylaxis
12. Immunoglobulin M
13. Precipitation reactions

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

14. Name two infections caused by *Staphylococcus aureus*.
15. Name two methods used in testing antibiotic sensitivity.
16. Name two viruses causing diarrhea.
17. Louis Pasteur
18. Define immunity.
19. Name two uses of ELISA.
20. Name two organisms causing sexually transmitted diseases.
21. Name two bile stained eggs.
22. BCG vaccine
23. Name two RNA viruses.
