

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 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. Name the various classes of immunoglobulins
2. Discuss the laboratory diagnosis of Pulmonary tuberculosis.
3. Describe the life cycle of Echinococcus granulosus. Add a note on laboratory diagnosis of hydatid cyst.

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

4. Hot air oven
5. Prophylaxis for Tetanus
6. Coagulase test
7. Koch's postulates
8. Laboratory diagnosis of infections caused by Haemophilus influenza
9. Laboratory diagnosis of HIV infection
10. Bacterial spore
11. Herpes simplex virus
12. Negative staining
13. Laboratory diagnosis of malaria

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

14. Name two sexually transmitted diseases.
15. Name two viruses causing respiratory tract infections.
16. MMR vaccine
17. Name two opportunistic infections in AIDS patients.
18. Name two enriched media.
19. Name two applications of ELISA.
20. Name two bile stained eggs.
21. List four bacteria causing urinary tract infections.
22. Name two RNA viruses.
23. Draw the diagram of Hepatitis B virus.
