

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – MAY 2016

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)

Q.P. CODE: 1759

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. Discuss the pathogenesis and laboratory diagnosis of vibrio cholerae.
2. Define infection and classify. Discuss in detail about nosocomial infection.
3. Define immunity and classify. Explain acquired immunity in detail.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Hot air oven
5. Bacterial capsule.
6. Lab diagnosis of syphilis.
7. Anaerobic culture methods.
8. Candida albicans.
9. Pathogenesis and lab diagnosis of Mycobacterium tuberculi
10. Life cycle of Entamoeba histolytica.
11. Hepatitis B virus.
12. Universal precautions.

SHORT ANSWERS

10 x 2 = 20 Marks

13. Mention any four contributions of Joseph Lister.
14. MMR Vaccine.
15. Name two acid fast bacteria.
16. Autoclaving.
17. Name two RNA and DNA viruses.
18. Name four malarial parasites.
19. Structure of Immunoglobulin G
20. Expand ELISA and mention types.
21. Name two Zoonotic diseases.
22. Pasteurization.
