

NURSB - 1759 - MICROBIOLOGY - MITTP (AUGUST-2009)_AUGUST-09 (OCT-09).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Aug / Sept 2009

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. Describe the morphology of a bacterial cell with a neat labeled diagram
2. What is immunity? Classify immunity. Describe the mechanisms of innate immunity
3. Classify Staphylococci. Describe the pathogenicity and laboratory diagnosis of Staphylococcus aureus

SHORT ESSAYS (Answer any Seven)**7 x 5 = 35 Marks**

4. Universal precautions with highly infectious patient
5. Bacterial growth curve
6. Widal test
7. MMR vaccine
8. Bacterial capsule
9. Hepatitis B virus
10. Prokaryotes & Eukaryotes
11. Immunoglobulin E (IgE)
12. Koch's postulates

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

13. Name two RNA viruses
14. Name a screening and a confirmatory test for HIV infection
15. Name two gaseous disinfectants
16. Anaerobic culture media
17. CSSD
18. DPT vaccine
19. Name two diseases caused by Spirochetes
20. Infections caused by Herpes simplex virus
21. Name two bacterial sexually transmitted diseases
22. Define sterilization and disinfection
