

NURSB - 1752 - 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: 100 Marks****MICROBIOLOGY (RS - 2)****Q.P. CODE: 1752**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Any Two)**2 x 10 = 20 Marks**

1. Name the malarial parasites. Describe the life cycle of any one of them
2. Enumerate hepatitis viruses. Describe the laboratory diagnosis of hepatitis "B" virus infection
3. Define and classify immunity. Discuss in detail innate immunity

SHORT ESSAYS (Any Ten)**10 x 5 = 50 Marks**

4. Widal test
5. Precipitation tests
6. Sterilization by radiation
7. Selective media
8. Bacterial capsule
9. Life cycle of hook worm
10. Laboratory diagnosis of Urinary Tract Infection
11. Anaphylaxis
12. Bacterial food poisoning
13. Candida albicans
14. Laboratory diagnosis of cholera
15. Pulmonary tuberculosis

SHORT ANSWERS**10 x 3 = 30 Marks**

16. Name four transport media
17. Name six arboviral infections
18. Name six vaccines
19. Enumerate antigen and antibody with one example each
20. Differences between bacteria and viruses
21. Louis Pasteur
22. Name dermatophytes
23. Labeled diagram of bacterial cell
24. Name four bacteria causing nosocomial infection
25. Define Universal precautions
