

NURSB - 1759 - MICROBIOLOGY - MITTP (APRIL-2014)_APRIL-2014 (APR-14).doc

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Define immunity. Classify immunity and explain in detail about innate immunity.
2. Mention four different species causing Malaria. Explain life cycle of any one in detail with lab diagnosis prevention and treatment
3. Classify mycobacteria. Discuss the pathogenicity and the laboratory diagnosis of Mycobacterium tuberculosis

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

4. Widal test
5. Use of Radiations in sterilization
6. Nosocomial infections-their development and control
7. Bacterial Growth curve
8. Hepatitis B virus
9. Taenia solium – life cycle, clinical features and treatment
10. Candida albicans
11. Gram's staining – principle and procedure
12. Mention antibiotic sensitivity tests and explain anyone in detail

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

13. Write any two functions of Bacterial capsule
14. Diagram of a autoclave
15. Name any two sexually transmitted diseases causing viruses
16. Name the dermatophytes
17. Name the antibodies
18. What is Incineration
19. Write any two universal precautions
20. Name two popular polio vaccines
21. Define sterilization
22. What are vectors
