

NURSB - 1759 - MICROBIOLOGY - MITTP (AUGUST-2010)_AUGUST-10 (OCT-10).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – August 2010

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. Classify Streptococci. Describe pathogenicity and laboratory diagnosis of streptococcus pyogenes
2. Classify culture media and write in detail on selective media with examples
3. Classify Mycobacterium. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis

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

4. Amoebic dysentery
5. Hot air oven
6. Agglutination reactions
7. Roundworm
8. Bacterial flagella
9. Prophylaxes of needle prick injuries
10. Nosocomial infection
11. Immunoglobulin E (IgE)
12. Gram stain – Principle, theories and Procedure

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

13. Name two DNA viruses
14. Name a screening and a confirmatory test for HIV
15. Name two chemical disinfectants
16. Louis Pasteur
17. Name the color coding of bags used for segregation of hospital waste
18. DPT vaccine
19. Candida albicans
20. Name four hepatitis viruses
21. Name two infections transmitted by Mosquitoes
22. Name two viruses causing CNS infections
