

NURSB - 1681 - MICROBIOLOGY - NUTTP (AUGUST-2010)_AUGUST-10 (OCT-10).doc

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – August 2010

Time: Three Hours**Max. Marks: 80 Marks****MICROBIOLOGY (Revised Scheme)****Q.P. CODE: 1681**

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 Sterilisation. Describe in detail the functioning of an autoclave. How is it's function monitored
2. Name the etiologic agent of intestinal amoebiasis. Describe the life cycle and laboratory diagnosis of this condition
3. Name the bacteria causing meningitis. Describe in detail the laboratory diagnosis of bacterial meningitis caused by mycobacterium tuberculosis

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Immunoglobulin G
5. Staphylococcus aureus
6. Laboratory diagnosis of Diphtheria
7. Laboratory diagnosis of cholera
8. Mycobacterium leprae
9. Laboratory diagnosis of kala azar
10. Toxoplasma gondii
11. Vaccines against rabies
12. Hepatitis B virus
13. Blood culture

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

14. Name two gaseous disinfectants
15. Pasteurization
16. Define selective media with an example
17. Define an antigen
18. Name two sequelae of streptococcus pyogenes infection
19. Name two bacterial vaccines
20. Name malarial parasites
21. Name two vectors
22. Name two nematodes
23. Name any two dermatophytes
