

First year B.Sc. Nursing (PC) Degree Examination – Feb/March 2011

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1704

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 infection. Write a note on different sources of infection and modes of transmissions of infections
2. Describe the morphology, pathogenesis and laboratory diagnosis of *Entamoeba histolytica*
3. Describe the pathogenesis, Clinical features and laboratory diagnosis of enteric fever

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Type IV Hypersensitivity
5. VDRL test
6. Gram's staining
7. Life cycle of *Ancylostoma duodenale*
8. Radiations in sterilization
9. Name the antibiotic sensitivity tests, explain any one in detail
10. Explain treatment methods of biomedical waste management
11. Food poisoning
12. Bacillary dysentery
13. Explain bacterial growth curve

SHORT ANSWERS

10 x 2 = 20 Marks

14. Draw a neat labeled diagram of *Giardia intestinalis*
15. Name any four transmissions of HIV
16. Name the antibodies
17. Tyndalization
18. BCG vaccine
19. Name any two sexually transmitted diseases
20. Name any two aldehydes used as disinfectants
21. Name any four bacterial filters
22. Name four gram negative-Ve bacilli
23. Draw Immunoglobulin G
