

I Year B.Sc. Nursing (PC) Degree Examination – Feb / Mar 2012

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY
(RS-3 & RS-4)

Q.P. CODE: 1735

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. Describe the pathogenesis, clinical features and laboratory diagnosis of poliomyelitis
2. Define immunity classify immunity write in detail on innate immunity
3. List the various physical methods of sterilization. Discuss the principle and uses of sterilization by autoclave

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Type I hypersensitivity
5. Widal test
6. Gram's staining
7. Bacterial spore, diagram & description
8. Candida albicans
9. ELISA and its uses
10. Different treatment methods of biomedical wastes
11. Bacillary dysentery
12. Syphilis

SHORT ANSWERS

10 x 2 = 20 Marks

13. Name two methods of pasteurization
14. Name any two viral sexually transmitted diseases
15. Draw a neat diagram of Trichomonas vaginalis
16. Draw a neat labelled diagram of bacterial flagella
17. M M R vaccine
18. RNTCP
19. Name any two biological vectors
20. Name any two Zoonotic diseases
21. Mention any two selective media & two differential media
22. Tyndalisation
