

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

**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. Mention the sources of infection and give an account of hospital borne infections their development and control
2. Describe the morphology, culture, pathogenicity and laboratory diagnosis of corynebacterium diphtheriae
3. Describe the morphology of a bacterial cell with the help of a neat diagram with labeling. Write in detail about bacterial capsule

**SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Cultivation of viruses
5. Lab diagnosis of Enteric fever
6. Autoclave
7. Selective media with examples
8. Varicella – zoster virus
9. Ascaris lumbricoides
10. Write a note on "Koch's postulates"
11. Negative staining – principle and procedure
12. Treatment method of biomedical wastes
13. Write a note on carriers

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. Write any two transport media
15. Diagram of a HIV virus with labeling
16. Name any two water borne diseases
17. Name any two alcohols used as disinfectants
18. Louis Pasteur
19. Name any two bacteria that cause food poisoning
20. Monotux test
21. Negri bodies
22. Name any two DNA viruses
23. BCG vaccine

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