

I year B.Sc. Nursing (PC) Degree Examination – April 2014

**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. List the various antigen–antibody reactions and describe the principle and applications of precipitation reactions.
2. Describe the pathogenesis and lab diagnosis of pulmonary tuberculosis.
3. Define immunity and write in detail about acquired immunity.

**SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Bacterial growth curve
5. Infectious hepatitis
6. Transport media
7. Lab diagnosis of malaria
8. Giardia intestinalis
9. Nosocomial infection
10. Type IV hypersensitivity
11. Post streptococcal sequelae
12. Auto clave
13. Lab diagnosis of urinary tract infection

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. Name two viral vaccines.
15. Expand CSSD. What are its functions?
16. List four staphylococcal infections.
17. Draw neat, labeled diagram of Ascaris lumbricoides.
18. Name two organisms causing non gonococcal urethritis
19. BCG vaccine
20. Malignant fistula
21. Name two vectors in viral diseases.
22. Pasteurization
23. Robert Koch

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