

I year B.Sc. Nursing (PC) Degree Examination – September 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. Define sterilization and list the methods of sterilization. Describe in detail the functioning of an autoclave.
2. Define and classify immunity. Describe acquired immunity.
3. Write briefly on poliomyelitis and discuss the prophylaxis.

**SHORT ESSAYS (Answer any Eight)**

**8 x 5 = 40 Marks**

4. Bacterial spore
5. Anaphylaxis
6. Laboratory diagnosis of hepatitis B virus infection
7. Dermatophytes
8. Nosocomial infection
9. Prophylaxis for rabies
10. Immunoglobulin M (Ig M)
11. Laboratory diagnosis of enteric fever
12. Life cycle of *Ancylostoma duodenale* (Hook worm)
13. ELISA

**SHORT ANSWERS**

**10 x 2 = 20 Marks**

14. Name two spore-bearing bacteria.
15. Classify hypersensitivity.
16. Draw a neat, labeled diagram of the egg of *Enterobius vermicularis* (Pin worm)
17. Write two contributions of Louis Pasteur.
18. Define enriched media. Give one example.
19. Name two biological vectors and the disease transmitted by them.
20. Name two bacteria causing sexually transmitted infections.
21. Name two viruses causing diarrhea.
22. Draw a neat, labeled diagram of HIV virus.
23. VDRL test

\*\*\*\*\*