

M-(vi)

**B.Sc. (nursing-part I) examination,
Year-2010
Paper - V
Subject - Microbiology**

Q.1 What is sterilization? Enumerate the method of sterilization. Describe autoclaving in detail.

Q.2 Name the causative organism of syphilis. Describe in detail the different clinical stages and lab. diagnosis of syphilis.

Q.3 Describe the life cycle, pathogenesis and laboratory diagnosis of plasmodium falciparum.

Q.4 Describe briefly (any 4) :-

- A. Laboratory diagnosis of urinary tract infection.
- B. ELISA
- C. Candidiasis.
- D. Segregation of bio-medical.
- E. Standard safety precautions.

Q.5 Briefly discuss :-

- A. Hospital acquired infection.
- B. Laboratory diagnosis of HIV/ AIDS.

Q.6 Differentiate between the following :-

- A. Active and passive immunity .
- B. Cell wall of gram +ve and gram -ve .
- C. Exotoxin and endotoxin.
- D. Bacteria and virus .