

**B.Sc. (nursing-part I) examination,
Nov. 2011
Paper - V
Subject - Microbiology**

- Q.1. Enumerate antigen antibody reactions. Describe agglutination reaction, used for diagnosis of infectious diseases in laboratory.
- Q.2. Enumerate micro-organism causing diarrhea. Describe etiopathogenesis and laboratory diagnosis of cholera vibrio.
- Q.3. Discuss briefly (any four) :-
- A. Gas gangrene.
 - B. Pulse polio programme.
 - C. Negri bodies.
 - D. Anaphylaxis.
 - E. Tyndallisation.
- Q.4. Briefly discuss :-
- A. Classification of viruses.
 - B. Sample collection and laboratory diagnosis of swine-flu.
- Q.5. Describe the life-cycle, pathogenesis and laboratory diagnosis of Wucheria Bancrofti.
- Q.6. Write short notes on :-
- A. Elek's Gel precipitation test.
 - B. Mantoux test.
 - C. Dermato-phytes.
 - D. Cryptococcosis.