

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

- Q.1. Define immunization? What are live and killed vaccine? What is national immunization programme.
- Q.2. Name the causative agents of typhoid and describe in detail clinical symptoms, pathogenicity and laboratory diagnosis of typhoid.
- Q.3. Discuss briefly (any four) :-
- A. Robert Koch.
  - B. Hot air oven.
  - C. Opportunistic fungi.
  - D. Gram's staining.
  - E. Culture media.
- Q.4. Describe the life cycle, pathogenesis and laboratory diagnosis of entamoeba histolytica.
- Q.5. Differentiate between :-
- A. Streptococcus pneumoniae and streptococcus viridians.
  - B. IgG and IgM.
  - C. Immediate and delayed hypersensitivity.
  - D. Exotoxin and endotoxin.
- Q.6. Briefly describe :-
- A. Role of nurse in hospital in infection control programme.
  - B. Laboratory diagnosis of STD's.