

**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) :-

- Robert Koch.
- Hot air oven.
- Opportunistic fungi.
- Gram's staining.
- Culture media.

Q.4. Describe the life cycle, pathogenesis and laboratory diagnosis of entamoeba histolytica.

Q.5. Differentiate between :-

- Streptococcus pneumoniae and streptococcus viridians.
- IgG and IgM.
- Immediate and delayed hypersensitivity.
- Exotoxin and endotoxin.

Q.6. Briefly describe :-

- Role of nurse in hospital in infection control programme.
- Laboratory diagnosis of STD's.