

M - (xii)

**B.Sc. (nursing-part I) examination,  
November-2015 (paper - V)  
Subject - Microbiology**

**Q.1. Define the following :-**

- A. Gram stain.
- B. Flagella.
- C. Commensal.
- D. Epidemic.
- E. Disinfectant.
- F. Immunity.
- G. Log phase.
- H. Lytic cycle

**Q.2. Briefly discuss :-**

- A. Types of culture media with suitable examples.
- B. Morphological classification of microbes with examples.

**Q.3. Write short note on following :-**

- A. Nosocomial infection and its control.
- B. Bio medical waste management.
- C. Antibiotics with 4 examples.

**Q.4. Discuss briefly :-**

- A. Mycoplasma infection, life cycle and its prophylaxis.
- B. Any 4 viral infections and its prophylaxis

**Q.5. Discuss briefly (any four) :-**

- A. Antigen-antibody interactions and its types.
- B. Hypersensitivity and its types
- C. Immunization schedule.
- D. Rodents and vectors.
- E. Moist heat sterilization.

**Q.6. Explain about hospital infection control program and role of nurse in the same.**