

M - (XIV)

**B.Sc. Nursing Part-I Examination**  
**November - 2017**  
**Sub. - Microbiology**  
**Paper - V**

**Note:- Attempt any FIVE questions.**  
**(All questions carry equal marks)**

**Marks:- 80**

- Q.1. Define the following : 8 × 2 = 16
- |                           |                |
|---------------------------|----------------|
| A. Bacterial capsule      | B. Immunity    |
| C. Type of cocci bacteria | D. Asepsis     |
| E. Cold chain             | F. Solid media |
| G. Components of virus    | H. IgG         |
- Q.2. Briefly discuss : 2 × 8 = 16
- A. Antigen antibody reaction
- B. Bio-medical waste management
- Q.3. Write short notes on following : 4 × 4 = 16
- A. General characteristics of microbes
- B. Describe different sources of infection
- C. Define immunization. What is live and killed vaccine ?
- D. What are the sources and methods of transmission of infection ?
- Q.4. Discuss briefly : 2 × 8 = 16
- A. Methods of sterilization
- B. Describe in detail the importance and relevance of microbiology to nursing
- Q.5. Discuss briefly (Any four) : 4 × 4 = 16
- A. Gram staining
- B. Write down the factors that affect bacterial growth
- C. Rodents and vectors
- D. Opportunistic fungi
- E. Write the principle of microbiology.
- Q.6. What is Infection ? Describe the life cycle of entamoeba histolytic and lab. Diagnosis of amoebiasis. 16