

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 : $8 \times 2 = 16$

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 : $2 \times 8 = 16$

- A. Antigen antibody reaction
- B. Bio-medical waste management

Q.3. Write short notes on following : $4 \times 4 = 16$

- 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 : $2 \times 8 = 16$

- A. Methods of sterilization
- B. Describe in detail the importance and relevance of microbiology to nursing

Q.5. Discuss briefly (Any four) : $4 \times 4 = 16$

- 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