

**E-1226**  
**B.Sc. Nursing (First Year) Main & Supply**  
**Examination, 2018-19**  
**Held in Oct-2020**  
**[B.Sc. (Nursing)-105]**  
**Paper : Fifth**  
**Microbiology**

**Time : Three Hours ]**

**/ Maximum Marks : 75**

**Note : Attempt all questions.**

1. (a) Define sterilization and disinfection. (2+9+4=15)  
(b) Explain about the types & methods of sterilization.  
(c) Role of Nurse in sterilization
2. (a) Enlist the different disease producing organisms. (5+10=15)  
(b) Differentiate the Gram positive and Gram negative bacteria.
3. (a) Define Immunoglobulins and Immunity. (2+6+7=15)  
(b) Explain about the classification of immunity.  
(c) Discuss the antigen and antibody reaction in detail.
4. Write short notes on any Six : (5×6=30)  
(a) WHO steps of hand washing  
(b) Importance of microbiology in nursing

**P.T.O.**

- (c) **Bacterial growth curve**
- (d) **Acid Fast Staining**
- (e) **Culture medias**
- (f) **Hospital acquired infection**
- (g) **Enlist different types of categories of Biomedical Waste management**
- (h) **Growth and nutrition of microbe**
- (i) **Principles of microbiology**
- (j) **Colonization of microbes**

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