

## **B.Sc. Nursing Part-I Examination**

November-2018

## **Sub. - MICROBIOLOGY**

## **Paper - V**

**Marks : 80**

Time : 3 hours

**Attempt any *FIVE* questions.**

**(All questions carry equal marks.)**

1. Define immunization. What are live and killed vaccines? What is National immunization Programme. 16
2. Describe briefly (Any Four):  $4 \times 4 = 16$ 
  - (a) Hot air oven
  - (b) Opportunistic fungi
  - (c) Gram staining
  - (d) Culture media
  - (e) Anaphylaxis
3. Differentiate between:  $4 \times 4 = 16$ 
  - (a) IgG and IgM.
  - (b) Streptococcus pneumonia and streptococcus viridians.
  - (c) Immediate and delayed hypersensitivity.
  - (d) Sterilization and disinfection.
4. Discuss briefly (Any four):  $4 \times 4 = 16$ 
  - (a) Role of nurse in hospital infection control programme.
  - (b) Laboratory diagnosis of pulmonary tuberculosis.
  - (c) Urinary tract infection.
  - (d) Standard safety measures.
  - (e) Importance of microbiology in nursing.
5. Name the causative agents of typhoid and describe clinical symptoms, pathogenicity and laboratory diagnosis of typhoid in detail. 16
6. Write a short note on following:  $4 \times 4 = 16$ 
  - (a) ELISA test
  - (b) Life cycle of malaria.
  - (c) Asepsis.
  - (d) Candidiasis.