

B.Sc. Nursing Part-I Examination

November-2018

Sub. – MICROBIOLOGY

Paper - V

Time : 3 hours

Marks : 80

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 × 4 = 16
 - (a) Hot air oven
 - (b) Opportunistic fungi
 - (c) Gram staining
 - (d) Culture media
 - (e) Anaphylaxis
3. Differentiate between: 4 × 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 × 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 × 4 = 16
 - (a) ELISA test
 - (b) Life cycle of malaria.
 - (c) Asepsis.
 - (d) Candidiasis.