

B.Sc. Nursing Part-I Examination

November - 2018

Subject: MICROBIOLOGY

Time: Three Hours

Maximum Marks: 80

Attempt any *FIVE* questions.

(All questions carry equal marks.)

- Q.1 Define immunization. What are live and killed vaccines? What is National immunization Programme? 16
- Q.2 Describe briefly (Any Four): 4 x 4 = 16
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|-------------------|-------------------------|
| (a) Hot air oven | (b) Opportunistic fungi |
| (c) Gram staining | (d) Culture media |
| (e) Anaphylaxis | |
- Q.3 Differentiate between: 4 x 4 = 16
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| (a) IgG and IgM. | |
| (b) Streptococcus pneumonia and streptococcus viridians. | |
| (c) Immediate and delayed hypersensitivity. | |
| (d) Sterilization and disinfection. | |
- Q.4 Discuss briefly (Any four): 4 x 4 = 16
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| (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. | |
- Q.5 Name the causative agents of typhoid and describe clinical symptoms, pathogenicity and laboratory diagnosis of typhoid in detail. 16
- Q.6 Write a short note on following: 4 x 4 = 16
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|----------------|----------------------------|
| (a) ELISA test | (b) Life cycle of malaria. |
| (c) Asepsis. | (d) Candidiasis. |