



MW-020109

Seat No. _____

First Year Post Basic B. Sc. (Nursing) Examination

January - 2018

Microbiology

Time : 3 Hours]

[Total Marks : 75

- Instructions :**
- (i) Figure on right indicates full marks.
 - (ii) Draw neat and clean diagram whenever necessary.
 - (iii) Write section I and section II in separate answer books.

SECTION – I (38 Marks)

- 1 Long Essay : (Any two) 2×10=20**
- (1) Define the sterilization and explain the methods of sterilization.
 - (2) Define the disinfection and explain the methods of disinfection.
 - (3) Define the hospital acquired infection, list out the common infection in hospital and explain the role of nurse in infection control policy in hospital.
- 2 Short Essay : (Any 3) 3×5=15**
- (1) Difference between gram positive and negative bacteria.
 - (2) Gram staining technique.
 - (3) Biomedical waste management.
 - (4) Standard safety measures.
- 3 Short Answers : (Any 1) 1×3=3**
- (1) Mycobacterium.
 - (2) Corynebacterium.

SECTION-II (37 Marks)

- 1** Long Essay : (Any one) **1×10=10**
- (1) Define the immunity and explain the various types of immunity.
 - (2) Define the immunoglobulin and explain the various classes of immunoglobulin
- 2** Short Essays : (Any 3) **3×5=15**
- (1) Cold chain
 - (2) Candidacies
 - (3) Pasteurization
 - (4) Mode of transmission of infection
- 3** Short Answers : (Answer All) **2×6=12**
- (1) Carrier
 - (2) Segregation
 - (3) Fermentation
 - (4) Hay fever
 - (5) Incubation period
 - (6) Vector
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