



PAE-020109 Seat No. _____
First Year Post Basic B. Sc. (Nursing)
Examination
August - 2018
Microbiology

Time : 3 Hours]

[Total Marks : 75

Instructions :

1. Figures on right side indicate full marks of the questions.
2. All questions are compulsory.
3. Write down Each Section in a separate answer sheet.

SECTION - I

- 1** Write notes in brief on : (any **two**) **2×10=20**
 - a) Define Nosocomial Infection. Write in detail on Hospital Acquired Infections.
 - b) Define Immunity. Write in detail about acquired immunity.
 - c) Enumerate the various methods of sterilization and write in detail about moist heat method.

- 2** Write short notes on : (any **three**) **3×5=15**
 - a) Food poisoning
 - b) Bacterial flagella
 - c) Agglutination
 - d) Bacterial Cell Wall.

- 3** Write answer in 2-3 sentences only : (On any **one**) **1×3=3**
 - a) Mantoux Test.
 - b) Hanging drop preparation and its use.

SECTION - II

- 4 Answer any **one** : **1×10=10**
- a) Briefly discuss about morphology, Pathogenicity and laboratory diagnosis of Salmonella Typhi.
 - b) Describe Life cycle and laboratory diagnosis of the Ascaris Lumbricoids.
- 5 Write short notes on : (any **three**) **3×5=15**
- a) Candidiasis
 - b) Anaerobic Culture Methods
 - c) Lab. Diagnosis of Hepatitis B virus infection
 - d) Pasteurization.
- 6 Write in very short : (All **compulsory**) **2×6=12**
- a) Difference between Exotoxin and Endotoxin
 - b) Prophylaxis against Tetanus
 - c) MR Vaccine
 - d) Name four live vaccines
 - e) Acid Fast Staining
 - f) Name of the scientists that are known as :
 - (i) Father of Microbiology
 - (ii) Father of Antiseptic Surgery.
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