

0216E151

F.Y. B.Sc. (Nursing) Examination
Microbiology

Candidate's Seat No :

[Max. Marks : 75]



Date : 05-02-2016 Friday]

[Time : 3 Hours

- Instructions :
- (1) Answer to the point.
 - (2) Figure to the right indicates marks.
 - (3) Draw diagrams wherever necessary.
 - (4) Write legibly.
 - (5) Use separate answer books for each section.

Section I

- Q.1 A) Write the classification of bacteria
B) Explain the structure of bacteria with diagram

3

4

5x5 = 25

- Q.2) Write Short Notes on any 5

1. Principles of Microbiology
2. Robert Koch
3. CSSD
4. Method of transmission of infection
5. ZN staining method
6. Antigen Antibody reaction

5

- Q.3) Define any 5

- | | |
|--------------------------------|------------|
| 1. Hospital Acquired Infection | 4. Vaccine |
| 2. Biomedical Waste Management | 5. Fomites |
| 3. Bactericidal | 6. Antigen |

Section II

5x5 = 25

- Q.4) Write Short Notes on any 5

1. Chemotherapy
2. Iatrogenic Infections
3. Role of nurse in collection and transport of specimen
4. Escherichia Coli
5. Culture Media
6. Standard Safety Measures

- Q.5) Write the point of difference between the following (any 2)

2x2=4

1. Sterilization and Disinfection
2. Healthy carrier and convalescent carrier
3. Mechanical vector and Biological vector

- Q.6 A) Define Immunity

1

- B) Classify Immunity

3

- C) Explain factors that affect immunity in an individual

5