



B-4229

First Year B. Sc. (Nursing) Examination

May/June - 2017

Microbiology

Time : 3 Hours]

[Total Marks : 75

Instruction :

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year B. Sc. (Nursing)

Name of the Subject :
Microbiology

Subject Code No. : 4 2 2 9 Section No. (1, 2,.....) : 1&2

Seat No. :
[] [] [] [] [] []

Student's Signature

SECTION - I

- 1 Write short answers of following : (any eight) 8
- (1) Medical microbiology
 - (2) Who is father of bacteriology ?
 - (3) RNA
 - (4) Serology
 - (5) Anaerobic bacteria
 - (6) WIDAL test
 - (7) Active immunity
 - (8) Full form of ELISA
 - (9) Agglutination
 - (10) Name two gases used as disinfectant.

2 Write short essay : (any four)

4×5=20

- (1) Write difference between prokaryotic cell and eukaryotic cell.
- (2) VDRL test
- (3) Source of infection
- (4) Fumigation
- (5) Antigen antibody reaction
- (6) Hospital infection control programme.

3 Write long essay : (any one)

10

- (1) Define herd immunity and write in detail.
- (2) Define staining technique and explain classification of stain and gram stain.

SECTION - II

4 Write short answers of following : (any seven)

7

- (1) Sterilization
- (2) Vaccine
- (3) Zoonosis
- (4) Name two gram negative bacteria
- (5) Septicaemia
- (6) Immunity
- (7) Cold chin
- (8) Antigens
- (9) What is colonization ?

5 Write short essay : (any four)

4×5=20

- (1) What are points kept in mind while collecting specimen ?
- (2) Write difference between active immunity and passive immunity.
- (3) Universal precaution
- (4) Importance of microbiology in nursing
- (5) Autoclave
- (6) Culture media.

6 Write long essay : (any one)

10

- (1) What are the causes of nosocomial infection and write how you will prevent nosocomial infection.
- (2) What is BMW ? Write in detail categories of BMW and segregation of BMW.