



RAN-4049

First Year B.Sc. Nursing Examination

August - 2019

Microbiology

Time: 3 Hours]

[Total Marks: 75

सूचना : / Instructions

(1)

नीचे दर्शावेल निशानीवाणी विगतो उत्तरवली पर अवश्य लभवी.

Fill up 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 0 4 9

Seat No.:

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Student's Signature

- (2) Write both the section in a separate answer book.
- (3) Draw diagram whenever necessary
- (4) Figure to the right indicates full marks.

SECTION -1 (38 Marks)

Q-1. Define following terms (Any Eight)

(1×8=8)

- 1) RNA
- 2) Who is Father of Microbiology?
- 3) ELISA
- 4) Serology
- 5) Name two Intestinal Parasites
- 6) Vaccine
- 7) WIDAL Test
- 8) Antigens

- 9) Parasite
- 10) Active Immunity

Q-2. Write short note (Any four)

(5×4=20)

- 1) Describe Staining Method
- 2) VDRL Test
- 3) Biomedical Waste Management
- 4) BCG Vaccine
- 5) Pasteurization
- 6) Importance Of Microbiology in Nursing

Q-3. Write Long Essay (any one)

(10)

- 1) Draw a labeled diagram of bacterial cell, describe its surface structure
- 2) Define and classify hypersensitivity. Explain the type-I Hypersensitivity.

SECTION-II (37 Marks)

Q-4. Define following terms (Any SEVEN)

(1×7=7)

- 1) Fumigation
- 2) MMR Vaccine
- 3) Give the name of largest Bacteria
- 4) Hepatitis B virus
- 5) Immunoglobulin E
- 6) Full form of CSSD
- 7) Agglutination
- 8) Asepsis
- 9) Autoclave

Q-5. Write short note (Any four)

(5×4=20)

- 1) Acid fast Staining
- 2) Universal Safety Precaution
- 3) Antigen antibody reaction
- 4) Microscope
- 5) Spirochaete
- 6) Chlamydial Infection

Q-6. Write long essay (any one)

(10)

- 1) Explain infection: sources ,portal of entry and exist and its transmission
- 2) Define hard immunity and write in detail