

Roll No

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RUFIDA COLLEGE OF NURSING
POST BASIC B. Sc. NURSING I YEAR
ANNUAL EXAMINATION, FEBRUARY/MARCH 2024
MICROBIOLOGY
PAPER CODE: BSN PB-105**

Time 3 hours

Max. Marks: 75

(Write your Roll No. at the top immediately on receipt of this question paper)

Section A

Very Short Answer Type Questions:

Q1. Define the following terms:

(10x2=20)

- | | |
|------------------------------|--------------------------|
| a) Immunity | f) Microbiology |
| b) Hypersensitivity reaction | g) Amoebiasis |
| c) Rickettsia | h) Food borne infections |
| d) Culture media | i) Viruses |
| e) Pasteurization | j) Sterilization |

Section B

Long Answer Type Questions:

Q2. Explain the factors affecting growth of microbes. Discuss the application of microbiology in nursing.

(5+10=15)

OR

Enlist various diseases caused by virus in man. Discuss about ANY ONE virus and its prevention and control measures.

(5+10 =15)

Q3. Differentiate between ANY THREE of the following concepts:

(3x5=15)

- Gram positive and gram negative bacteria.
- Antibiotics and chemotherapeutics.
- Parasites and vectors.
- STI and UTI.

Section C

Short Answer Type Questions:

Q4. Write short notes on the following:

(5x5=25)

- Systemic Mycotic Infection.
- Vector borne diseases.
- Role of infection control nurse.
- Skills in handling of specimen.
- Antigen & antibody reaction.