



R-4049

First Year Basic B. Sc. (Nursing) Examination

June / July - 2018

Microbiology

Time : 3 Hours]

[Total Marks : 75

Instructions :

(1)

नीचे दशांशिक निशानीवाणी विगतो उत्तरवही पर अवश्य दमवी. Fillup strictly the details of signs on your answer book.	Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Examination : F. Y. BASIC B. SC. (NURSING)	Student's Signature
Name of the Subject : MICROBIOLOGY	
Subject Code No. : 4 0 4 9 Section No. (1, 2,.....) : 1&2	

(2) Draw diagram where ever necessary.

(3) Write each section in separate answer book.

SECTION - I (38 Marks)

1 Give answer the following : (Any Eight) 1×8=8

- Serological reaction
- Name two fungi causing infections of the skin.
- Fumigation
- DPT vaccine
- Negative staining
- Father of Microbiology
- Enumerate spirochetes
- Opportunistic infection
- Define agglutination.
- Name two diseases caused by pseudomonas

2 Write short notes on following : (Any Four) 4×5=20

- Role of nurses to control of Hospital infections
- Pasteurization and its uses
- Immunization Schedule

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Praveen

- (d) Collection of specimen and nurses responsibilities
- (e) Antibiotic sensitivity test
- (f) Chain of infection

3 Answer in detail : (Any One) 1×10=10

- (a) Discuss in detail about laboratory methods for identification of bacteria.
- (b) Describe the structure of HIV Virus, Laboratory diagnosis and preventive measure of HIV infection.

SECTION - II (37 Marks)

1 Give answer the following : (Any Seven) 7×1=7

- (a) Which is causative organism of Tuberculosis?
- (b) Dengue fever caused by which organism?
- (c) Autoclave
- (d) Name two RNA virus
- (e) Sterilization
- (f) Bacterial spore
- (g) CSSD
- (h) Precipitation
- (i) Zoonotic Disease
- (j) Name two gram positive bacteria

2 Write short notes on following : (Any Four) 4×5=20

- (a) Universal safety precaution
- (b) Define Hypersensitivity & write classification of Hypersensitivity.
- (c) Importance of Microbiology in Nursing
- (d) Chemical sterilization
- (e) Antigen antibody reaction
- (f) Acid fast staining

3 Answer essay question : (Any One) 1×10=10

- (a) List the organism enteric fever. Discuss in detail the lab diagnosis of typhoid fever.
- (b) Define immunity and describe in detail the types of immunity.