



NC-1806000601050001

**First Year B. Sc. (Nursing) Examination**  
**December - 2021**  
**Microbiology**

Time : 3 Hours]

[Total Marks : 75

**Instruction :**

नीचे दशांशवेष निशानीवाणी विगतो उत्तरवही पर अवश्य दामवी. Fillup strictly the details of signs on your answer book.	Seat No.:
Name of the Examination :	<input type="text"/>
First Year B. Sc. (Nursing)	<input type="text"/>
Name of the Subject :	<input type="text"/>
Microbiology	<input type="text"/>
Subject Code No. :	Section No. (1, 2,.....): 1&2
NC - 1 8 0 6 0 0 0 6 0 1 0 5 0 0 0 1	<input type="text"/>
	Student's Signature

**SECTION - I**

- 1 Write short answer on following : (ANY EIGHT) 1×8=8
  - (1) Fumigation
  - (2) ELISA
  - (3) Agglutination
  - (4) BCG Vaccine
  - (5) Name two spore Bearing Bacteria
  - (6) Name two gases used as disinfectant
  - (7) Serology
  - (8) WIDAL test
  - (9) Microbiology
- 2 Write Short Essay : (ANY FOUR) 4×5=20
  - (1) Chain of Infection
  - (2) Microscope
  - (3) Define Hypersensitivity & write classification of Hypersensitivity
  - (4) Pasteurization
  - (5) VDRL Test
- 3 Write Long Essay : (ANY ONE) 1×10=10
  - (1) What are the causes of nosocomial infection and write down the measures to prevent nosocomial infection.
  - (2) Classify culture media and write in detail on selective medias with its example.

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## SECTION - II

- 1 Write short answer on following : (ANY SEVEN) **1×7=7**
- (1) Immunity
  - (2) Colonization
  - (3) MMR Vaccine
  - (4) Zoonosis
  - (5) Septicemia
  - (6) Active Immunity
  - (7) Parasite
  - (8) Father of Microbiology
- 2 Write Short Essay : (ANY FOUR) **4×5=20**
- (1) Collection of specimen and nurses responsibilities
  - (2) Importance of Microbiology in Nursing
  - (3) Acid Fast Staining
  - (4) Antigen antibody reaction
  - (5) Mumps
- 3 Write Long Essay : (ANY ONE) **1×10=10**
- (1) Describe the structure of HIV Virus, Laboratory diagnosis and preventive measures of HIV infection.
  - (2) Explain Infection: sources portal of entry and exist and its transmission
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