



NC-1806000601050001

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

Time : 3 Hours]

[Total Marks : 75

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book. Name of the Examination : <div style="border: 1px solid black; padding: 2px;">First Year B. Sc. (Nursing)</div> Name of the Subject : <div style="border: 1px solid black; padding: 2px;">Microbiology</div> Subject Code No. : Section No. {1, 2,.....} : 1&2 <div style="border: 1px solid black; padding: 2px;">N C - 1 8 0 6 0 0 0 6 0 1 0 5 0 0 0 1</div>	Seat No. : <div style="display: flex; justify-content: space-around; width: 100px;"> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> <div style="border: 1px solid black; width: 20px; height: 20px;"></div> </div> <div style="border: 1px solid black; border-radius: 10px; height: 80px; margin-top: 10px; display: flex; align-items: center; justify-content: center;"> Student's Signature </div>
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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.

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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