



E-4229
First Year B. Sc. (Nursing) Examination
July - 2016
Microbiology

Time : 3 Hours]

[Total Marks : 75

Instruction :

<p>नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लिखी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : FIRST YEAR B. SC. (NURSING)</p> <p>Name of the Subject : MICROBIOLOGY</p> <p>Subject Code No. : 4 2 2 9 Section No. (1, 2,.....) : 1&2</p>	<p>Seat No. : <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table></p> <p style="text-align: center; border: 1px solid black; border-radius: 15px; padding: 10px; margin-top: 10px;">Student's Signature</p>						

SECTION - I

- 1 Give short answer : (any eight) 8
- (1) Father of Microbiology.
 - (2) Define Opportunistic infection.
 - (3) Name two gram positive bacteria.
 - (4) Catalase test.
 - (5) Name two intestinal parasite.
 - (6) Define antigen.
 - (7) Name two live vaccine.
 - (8) Active immunity.
 - (9) Name two infection transmitted by mosquito.
 - (10) Mention any two bacteria causing food poisoning.
- 2 Short notes : (any four) 20
- (1) Describe staining methods
 - (2) Ecoli
 - (3) ELISA
 - (4) Type I hypersensitivity.
 - (5) Flagella
 - (6) Biomedical waste management.

- 3 Explain in detail : (any one) 10
- (1) Define Hospital acquired infection. Discuss in detail about role of nurse in Hospital infection control programme.
 - (2) Describe the mode of transmission, prevention and laboratory diagnosis of Human Immuno Deficiency virus.

SECTION - II

- 4 Explain in brief : (any seven) 7
- (1) Name two auto immune disease.
 - (2) Define agglutination.
 - (3) Name two transport media.
 - (4) What is candidiasis ?
 - (5) Enumerate two diseases spread through contaminated water.
 - (6) Mention two bacteria causing gas Gangrene.
 - (7) Mention two contributions of Louis Pasteur.
 - (8) Name two gases used as disinfectant.
 - (9) Name two diseases caused by Staphylococci.
- 5 Short answers : (any four) 20
- (1) Factors affecting bacterial growth.
 - (2) Chain of infection.
 - (3) H1 N1 virus.
 - (4) Widal test.
 - (5) BCG Vaccine.
 - (6) Anaphylaxis.
- 6 Long answer : (any one) 10
- (1) Define Immunity and describe in detail the types of immunity.
 - (2) Define Sterilisation. List the methods of Sterilisation. Write in detail about moist heat sterilization.