

**MEDICAL****[BSCN 1221]****DECEMBER 2021  
(FEBRUARY 2021 SESSION)****Sub. Code: 4705****B.Sc. (Nursing) DEGREE EXAMINATION  
(New Regulations for the candidates admitted from 2006-07 onwards)****FIRST YEAR****PAPER V – MICROBIOLOGY*****Q.P. Code: 664705*****Time: Three Hours****Maximum : 75 Marks****I. Elaborate on:****(2 x 15 = 30)**

1. Describe in detail the Pathogenesis, Laboratory Diagnosis and Prevention of Hepatitis 'B' infection?
2. Write in detail about the life cycle of Malarial parasite and complications caused by *P.falciparum*.

**II. Write notes on:****(5 x 5 = 25)**

1. Difference between active and passive immunity.
2. Draw in detail about the Bacterial Anatomy.
3. Comparison of viral and Bacterial Infection.
4. Explain superficial Fungi with example.
5. Brief about Rh Incompatibility.

**III. Short answers on:****(10 x 2 = 20)**

1. Contribution of Robert Koch.
2. Contributions of Joseph Lister.
3. Bacterial Locomotion.
4. Swine flu.
5. Define Autoclave.
6. Define Antibiotic Susceptibility Testing.
7. What is Scalded Skin Syndrome?
8. Use of Electron Microscope.
9. Define antigen and Antibody Reaction.
10. Define Pulse Polio Immunization.

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