

[BSCN 0824]**AUGUST 2024****Sub. Code: 4705****B.Sc. (Nursing) DEGREE EXAMINATION
(Regulation 2006-2007 onwards)****FIRST YEAR
PAPER V – MICROBIOLOGY*****Q.P. Code: 664705*****Time: Three Hours****Maximum : 75 Marks****I. Elaborate on:****(2 x 15 = 30)**

1. Classify bacteria and add a note on the factors affecting bacterial growth.
2. Describe the morphology, clinical manifestation and diagnostic methods for *Corynebacterium diphtheriae*. Write a note on Immunization for diphtheria.

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

1. Louis Pasteur and his contribution.
2. Antibiotic resistance.
3. Amoebiasis.
4. ELISA.
5. Difference between Active and Passive Immunity.

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

1. Negative staining.
2. Carrier.
3. Ig G antibody.
4. Name two toxins produced by staphylococcus.
5. Selective media.
6. Name any two auto-immune diseases.
7. Haptens.
8. Mention any two types of filters used for sterilization.
9. Give examples for Type III hypersensitivity.
10. Water borne diseases.
