

[PBBSCN 0321]

**MARCH 2021
(AUGUST 2020 SESSION)**

Sub. Code: 4888

**POST BASIC BACHELOR OF SCIENCE IN NURSING
DEGREE EXAMINATION****FIRST YEAR – NON SEMESTER****PAPER VII – MICROBIOLOGY***Q.P. Code: 684888***Time : Three Hours****Maximum : 75 Marks****I. Elaborate on:****(2 x 15 = 30)**

1. Life cycle of *Entamoeba histolytica*.
2. What is hypersensitivity? Briefly explain the types.

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

1. Polio virus.
2. IgA.
3. Innate Immunity.
4. Laboratory diagnosis of typhoid fever.
5. Aspergillosis.

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

1. Generation Time of Bacteria.
2. Name four chemical agents used in sterilization.
3. Pili.
4. Precipitation.
5. Millionaire molecule.
6. What is epidemic disease, give examples?
7. Name two live vaccines.
8. Systemic Mycosis.
9. Quellung Reaction.
10. Arthropod - borne diseases.
