



[LQ 828]

FEBRUARY 2020

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. Define hypersensitivity. Classify hypersensitivity. Discuss in detail type I hypersensitivity.
2. Describe the pathogenesis and lab diagnosis of *Mycobacterium tuberculosis*.

II. Write notes on:

(5 x 5 = 25)

1. Elisa.
2. Acquired Immunity.
3. Gram's stain.
4. Passive immunity.
5. Pathogenesis of *Salmonella typhi*.

III. Short answers on:

(10 x 2 = 20)

1. Name any two opportunistic fungi.
2. Give two important functions of bacterial capsule.
3. DPT vaccine.
4. List four complications of typhoid.
5. Name two auto-immune disease.
6. Enumerate two diseases caused by *Staphylococcus aureus*.
7. Name two skin infection caused by *Streptococcus pyogenes*.
8. Mention four species of genus *Plasmodium* causing malaria.
9. Widal test.
10. ASO titre.

