



[LL 828]

AUGUST 2017

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 Sterilization. Classify the various methods of sterilization and add a note on autoclave.
2. List the organisms causing acute diarrhoeal diseases and describe the laboratory diagnosis of *Vibrio Cholerae*.

II. Write notes on:

(5 x 5 = 25)

1. Contribution of Louis Pasteur.
2. Bacterial Flagella.
3. Urinary tract infection.
4. *Candida albicans*.
5. Agglutination reaction.

III. Short answers on:

(10 x 2 = 20)

1. Contribution of Robert Koch.
2. Types of bacterial staining methods.
3. Pasteurization.
4. ELISA.
5. Give two examples of live vaccines and their route of administration.
6. Mention two non-suppurative complications of *Streptococcus pyogenes*.
7. List out the four species of parasite that causes Malaria.
8. Bio-medical waste management.
9. What are the modes of transmission of HIV?
10. Name two organisms causing bacteraemia.

