



August 2011

[KZ 828]

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 : 100 marks

Answer All questions.

I. Essays:

(2X20=40)

1. Define and classify Hypersensitivity. Discuss in detail about type III hypersensitivity reaction with example.
2. Describe the morphology, cultural characters, pathogenesis and laboratory diagnosis of Klebsiella pneumonia.

II. Write Short Notes on :

(8X 5 = 40)

1. Add a note on cold sterilisation?
2. Briefly discuss Zoonotic diseases
3. Mediators of Anaphylaxis.
4. Types of bacterial staining methods.
5. Anaerobic culture media.
6. Autoclave.
7. Passive immunity.
8. Hospital infection control.

III. Short Answer Questions:

(10X 2 = 20)

1. Father of microbiology.
2. Classify bacteria based on temperature requirement.
3. What is Adjuvant? Give two examples.
4. Name two antibiotics that act on the protein synthesis of bacteria.
5. Serological tests for syphilis.
6. Define Agglutination with example.
7. Name four organisms causing meningitis.
8. What are the modes of transmission of HIV?
9. Mention the methods used for cultivating Viruses.
10. Germ tube experiment.

