



[BPT 0122]

**JANUARY 2022
(AUGUST 2021 EXAM SESSION)**

Sub. Code: 6280

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
SECOND YEAR- (Regulation from 2017-2018 onwards)
PAPER V – MICROBIOLOGY AND PATHOLOGY
Q.P. Code : 746280**

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

Section A and B must be answered in SEPARATE Answer Book

**SECTION – A
(MICROBIOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Define pneumonia, write in detail about its etiology, pathogenesis and Lab diagnosis.

II. Write notes on:

(5 x 5 = 25)

1. Structure of antibody.
2. Types of leprosy.
3. Measels.
4. Auto immunity.
5. Difference between Active immunity and passive immunity.

III. Short answers on:

(5 x 2 = 10)

1. Cholera red reaction.
2. Hepatitis B Vaccination.
3. Autoclave holding time and temperature.
4. Application of Grams stain.
5. Herd immunity.

**SECTION – B
(PATHOLOGY)**

I. Elaborate on:

(1 x 15 = 15)

1. Describe the stages of wound healing by primary intention. Enumerate the factors that influence wound healing. Write a note on fracture healing.

II. Write notes on:

(5 x 5 = 25)

1. Types of embolism.
2. Myasthenia gravis.
3. Differences between benign and malignant tumours.
4. Osteomyelitis.
5. Cerebrovascular accidents.

III. Short answers on:

(5 x 2 = 10)

1. Types of pathological calcification with mechanism.
2. Complications of myocardial infarction.
3. Rickets.
4. Parkinsonism.
5. Tuberculosis of spine.

