

THE TAMIL NADU Dr.M.G.R. MEDICAL UNIVERSITY

[BPT 0122]

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

Sub. Code: 6258

**BACHELOR OF PHYSIOTHERAPY DEGREE COURSE
SECOND YEAR
PAPER V – MICROBIOLOGY AND PATHOLOGY (SEC A & SEC B)
Q.P. Code : 746258**

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 20 = 20)

1. Describe in detail the morphology, pathogenesis and laboratory diagnosis of Human Immuno deficiency Virus.

II. Write notes on: (4 x 5 = 20)

1. Write a short notes on bacterial culture media.
2. Comments on working principle and uses of laminar air flow chamber.
3. Hospital Acquired Infection.
4. Describe the pathogenicity of Vibrio Cholerae.

III. Short answers on: (5 x 2 = 10)

1. Oral thrush.
2. Montoux test.
3. Crystallization of virus.
4. Epitope.
5. Selective media.

**SECTION – B
(PATHOLOGY)**

I. Elaborate on: (1 x 20 = 20)

1. Define Necrosis. Discuss the different types of Necrosis with suitable examples.

II. Write notes on: (4 x 5 = 20)

1. Osteoarthritis.
2. Fracture Healing.
3. Bronchiectasis.
4. Type I Hypersensitivity.

III. Short answers on: (5 x 2 = 10)

1. Metaplasia.
2. Name four Granulomatous diseases.
3. Pseudogout.
4. Rickets.
5. Name four cartilage forming tumours.
