

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

**[BPT 0622]**

**JUNE 2022**

**Sub. Code: 6258**

**(FEBRUARY 2022 EXAM SESSION)**

**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. Explain pathogenicity, diagnosis and treatment of Enteric fever.

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

1. Types of Immunoglobulin.
2. Cultivation of Viruses.
3. Diagnosis and treatment of Klebsiella.
4. Nosocomial infections.

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

1. Agglutination.
2. Gram negative bacteria.
3. Bacterial spore.
4. Anti bacterial antibiotics.
5. Types of Vaccines.

**SECTION – B  
(PATHOLOGY)**

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

1. Mention the cardinal signs of inflammation. Write about the causes of inflammation and write the vascular changes in Acute inflammation.

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

1. Types of necrosis with example.
2. Leprosy.
3. Thrombus – Pathogenesis.
4. Gout.

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

1. Dystrophic calcification.
2. Bronchopneumonia stages.
3. Angina Pectoris.
4. Neoplasia – definition, types.
5. Parkinsonism – pathology, clinical features.

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