

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

**[BPT 0622]**

**JUNE 2022  
(FEBRUARY 2022 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 Typhoid, write in detail about its etiology, pathogenesis and Lab diagnosis.

**II. Write notes on:** **(5 x 5 = 25)**

1. ELISA.
2. Autoclave.
3. Fever.
4. Acid fast staining.
5. Klebsiella.

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

1. Middle brooks medium.
2. Name two bacteria showing oxidase positive.
3. Interferon.
4. Pseudomembranous colitis.
5. Hapten.

**SECTION – B  
(PATHOLOGY)**

**I. Elaborate on:** **(1 x 15 = 15)**

1. Define Neoplasia. Discuss the differences between benign and malignant Tumours. Add a note on different routes of metastasis.

**II. Write notes on:** **(5 x 5 = 25)**

1. Osteoporosis.
2. Myasthenia Gravis.
3. Stages of Lobar Pneumonia.
4. Rheumatic Heart Disease.
5. Discuss wound healing by primary intention.

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

1. Types of Embolism.
2. Name 4 muscular dystrophies.
3. Fate of thrombus.
4. Cardinal signs of inflammation.
5. Name 4 risk factors for atherosclerosis.

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