

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

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 6280

**BPT DEGREE EXAMINATION
SECOND YEAR
(New regulations for the candidates admitted 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 Immunity, classify the various types and write in detail about natural Immunity.

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

1. Dry Heat Sterilization.
2. Tetanus.
3. Flagella.
4. Urinary tract infection.
5. Anaphylaxis.

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

1. Write the Koch's postulates.
2. Mantoux test.
3. Name two organisms causing meningitis.
4. Polio vaccine.
5. Disinfectant.

**SECTION – B
(PATHOLOGY)**

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

1. Pneumonia - types, pathogenesis, stages and complications.

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

1. Myocardial Infarction – pathogenesis, features and complications.
2. Calcification.
3. Embolism.
4. Chronic inflammation – causes and types.
5. Necrosis – mechanisms and types.

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

1. Ankylosing spondylitis.
2. Septic shock.
3. Metastasis.
4. Two examples of autoimmune diseases with pathogenesis.
5. Atelactasis.
