

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

[LO 6258]

FEBRUARY 2019

Sub. Code: 6258

**BPT DEGREE EXAMINATION
SECOND YEAR
PAPER V – MICROBIOLOGY AND PATHOLOGY**

Q.P. Code : 746258

Time: Three hours

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. Define Antigen Antibody reactions. Enumerate the different types of Antigen antibody reactions.

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

1. Lab diagnosis of Tetanus.
2. Lab diagnosis of Mycobacterium Leprae.
3. Diseases caused by Different species of Pseudomonas.
4. Lab diagnosis of Corynebacterium diphtheria.

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

1. Cultivation of viruses.
2. Infections caused by Herpes Zoster.
3. Name two opportunistic infections in HIV.
4. Meningitis causing bacteria.
5. Classification of viruses.

**SECTION – B
(PATHOLOGY)**

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

1. Discuss in detail about the types of Shock. Stages of shock and pathogenesis of septic shock.

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

1. Lobar Pneumonia.
2. Rheumatic heart disease.
3. Foot protection in leprosy.
4. TB Spine.

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

1. Four common sites of atherosclerosis.
2. Granuloma.
3. Pannus.
4. Define Embolism.
5. Wet gangrene.
