

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

[LN 6258]

AUGUST 2018

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. Write in detail about sterilization by chemical methods.

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

1. Type IV Hypersensitivity.
2. Laboratory diagnosis of enteric fever.
3. Laboratory diagnosis of HIV.
4. Lab diagnosis of dengue and its prevention.

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

1. Name four bacteria causing UTI (Urinary Tract Infection).
2. Name four causative agents of Meningitis.
3. Enumerate four bacteria causing sexually transmitted diseases.
4. Name four Anaerobic bacteria.
5. Name the organisms causing Hospital Acquired Infections.

**SECTION – B  
(PATHOLOGY)**

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

1. Define Inflammation. Describe in detail about the vascular changes associated with Inflammation.

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

1. Fat Embolism.
2. Osteomyelitis.
3. Vitamin D deficiency.
4. Myasthenia gravis.

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

1. Thrombosis.
2. Typhoid.
3. Volkmann's ischemia.
4. Red infarct.
5. Gout.

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