

[LL 6258]

AUGUST 2017

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 Hypersensitivity. Write the classification and write in detail about Type I hypersensitivity.

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

1. Anaerobic culture methods.
2. Prophylaxis of polio virus infection.
3. Antigenic structure of Staphylococcus Aureus.
4. Urinary tract infection.

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

1. Define Antigen and Antibody.
2. Name four bacteria causing Diarrhoea.
3. Mantoux test.
4. Draw and label the diagram of Hepatitis B virus.
5. Name four fungi causing Systemic mycoses.

**SECTION – B
(PATHOLOGY)**

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

1. a) Cellular basis of atrophy.
b) Give examples for physiological and pathological atrophy including osteoporosis.

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

1. Bronchial Asthma.
2. Ankylosing Spondylitis.
3. Definition and types of Gangrene.
4. Thromboangitis obliterans.

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

1. Fate of thrombus.
2. Define shock.
3. Define infarction and name the types.
4. Osteomalacia.
5. Fate of atherosclerotic plaque.
