

[LI 6258]

FEBRUARY 2016

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. Enumerate the viruses causing hepatitis. Describe the morphology, clinical features, pathogenicity, laboratory diagnosis and prevention of Hepatitis C Virus.

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

1. Antigens of HIV.
2. Tissue culture.
3. Enrichment media.
4. Pathogenesis of *Corynebacterium diphtheriae*.

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

1. Widal test.
2. Oral thrush.
3. Herpes virus.
4. Route of egg inoculation.
5. Measles vaccine.

**SECTION – B
(PATHOLOGY)**

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

1. Elaborate on Pneumonia. Enumerate the types of Pneumonia. Describe in detail about the pathogenesis, stages and complications of Pneumonia.

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

1. Types of Necrosis.
2. Factors influencing wound healing.
3. Osteomyelitis.
4. Differences between Benign and Malignant Tumors.

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

1. Primary complex in TB.
2. Polio.
3. Shock and types.
4. Gout.
5. Thrombosis.
