

[LJ 6258]

AUGUST 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. Describe the etiology, morphology, cultural characteristics, pathogenicity, laboratory diagnosis and prevention of Vibrio Cholera.

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

1. Laboratory diagnosis of Cornebacterium diphtheria.
2. PCR and its application.
3. How can the Virus be Isolated in the Laboratory?
4. Define antigen antibody reaction with suitable example.

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

1. Hot Air Oven.
2. Antibiotics.
3. Classification of viruses.
4. Name two pigment producing bacteria.
5. Cold sterilization.

**SECTION – B
(PATHOLOGY)**

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

1. Describe the process of Wound Healing. Enumerate the Factors that Influence Tissue Repair. Add a note on Fracture Healing.

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

1. Edema
2. Gangrene
3. Tuberculosis
4. GOUT

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

1. Angina Pectoris.
2. Myasthenia Gravis.
3. Types of Calcification.
4. Types of Emboli.
5. Osteomalacia.
