[LG 6258]   **FEBRUARY 2015**   **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. Describe in detail the types of hypersensitivity with suitable examples.

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

1. Bacterial cell Anatomy
2. Widal test
3. Antibiotic sensitivity tests
4. Human immune deficiency virus

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

1. Classify Bacteria on the Basis of shape
2. Structure of Endospore
3. Polio vaccine
4. Define Cross infection and Subclinical infection
5. Write the Koch's postulates

SECTION – B
(PATHOLOGY)

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

1. Describe the atherosclerotic plaque. Write on the theories of pathogenesis of plaque formation.

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

1. Edema. Differences between Exudate and Transudate
2. Hypovolaemic shock
3. Rheumatic fever
4. Air or Gas embolism

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

1. Healing by second intention
2. Rheumatoid arthritis
3. Malignant tumours
4. Paradoxical embolus
5. Caseous necrosis

****