

**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 Type IV Hypersensitivity.

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

1. Sterilization by Autoclaves.
2. Lab diagnosis of Viral disease.
3. Lab diagnosis of Cholera.
4. Lab diagnosis of Tuberculosis.

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

1. Hepatitis B Serological markers.
2. Name the virus and the vaccines of Measles.
3. Classify/enumerate Herpes viruses.
4. Name the types of Hepatitis viruses.
5. Name the organisms/bacteria causing Respiratory tract infection.

**SECTION – B
(PATHOLOGY)**

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

1. Define Tumor. Explain in detail about the different types of tumors, its pathogenesis and treatment.

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

1. ARDS.
2. Write a note on Healing process.
3. Tuberculosis.
4. Define Apoptosis and explain the mechanism.

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

1. Emphysema.
2. Iron deficiency Anaemia.
3. Haematuria.
4. Types of leprosy.
5. Name four auto Immune diseases.
