

**B.PHARM. DEGREE EXAMINATION  
SECOND YEAR  
PAPER V – PHARMACY PRACTICE AND PATHOPHYSIOLOGY**

*Q.P. Code: 564260*

**Time: Three hours**

**Maximum: 100 Marks**

**SECTION A  
(PHARMACY PRACTICE)**

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

1. a) Write in detail about legal requirements for establishing a retail pharmacy store in Tamil Nadu.
- b) Give a diagrammatic representation of organization of a retail drug store.

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

1. Write about primary wound dressings.
2. Write about physical incompatibility with examples.
3. What are mixtures? Classify with examples.
4. Define posology. How pediatric dose may be calculated?

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

1. Define Prescription.
2. Give the method of administration of douches.
3. Define Powders.
4. Give the types of sutures with examples.
5. Define Liniment.

**SECTION B  
(PATHOPHYSIOLOGY)**

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

1. Write in detail about Pathogenesis of Acute Inflammation.

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

1. Give the causes and pathophysiology of Acute Hepatitis.
2. Give the symptoms and complications of Diabetes Mellitus.
3. Discuss the pathophysiology of Tuberculosis.
4. Write the pathophysiology and types of Myocardial Infarction.

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

1. Define proctitis and colitis.
2. Define apoptosis and necrosis.
3. What are tophi?
4. What is hypertension?
5. Give the causative organism for gonorrhoea and UTI.