



(LJ 4260)

AUGUST 2016

Sub. Code: 4260

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

Q.P. Code: 564260

Time: Three hours

Maximum: 100 Marks

**SECTION A
(PHARMACY PRACTICE)**

I. Essay: (1 x 20 = 20)

1. a) Define Posology. Write in detail the various factors that determining the doses of drugs.
b) What are Inhalations? Give its types. Give an example with the method of preparation.

II. Short notes: (4 x 5 = 20)

1. Explain in detail about the legal requirements for establishment and maintenance of drug store.
2. Explain the parts of the prescription.
3. Discuss OTC medication.
4. Write a note on physical incompatibility with examples.

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

1. Differentiate between lotions and liniments.
2. Define proof spirit.
3. What is a primary wound dressing?
4. What is Tachyphylaxis?
5. What is Supra-addition?

**SECTION B
(PATHOPHYSIOLOGY)**

I. Essay: (1 x 20 = 20)

1. a) Define cell injury. Write in detail about various cellular adaptations & causes of cell injury.
b) Give the pathogenesis of hypoxic cell injury.

II. Short notes: (4 x 5 = 20)

1. Discuss the symptoms and pathophysiology of Gout.
2. Discuss the process of repair.
3. Give the types and management of Diabetes Mellitus.
4. Explain the pathophysiology of Peptic ulcer

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

1. What is Reperfusion?
2. Define Homeostasis.
3. Define Ischaemia & Hypoxia.
4. Give the causative organism for syphilis and Gonorrhoea.
5. Give two symptoms of hypothyroidism.

