



(LL 4260)

**AUGUST 2017**

Sub. Code: 4260

**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. Define Powders. Discuss the classification of powders. Explain each type with an example.

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

1. Explain the chemical incompatibility of alkaloidal salts.
2. Explain Handling of prescription.
3. What are the various types and design of drug stores?
4. Discuss the ideal characteristics of surgical dressings.

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

1. Define isotonic solutions.
2. Calculate the dose for a 9 years old child when the adult dose is 250mg.
3. Give the English meaning of Haustus and Statim.
4. What are secondary dressings? Give examples.
5. What is true tolerance?

**SECTION B  
(PATHOPHYSIOLOGY)**

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

- a) What is Rheumatoid Arthritis? Give its causes, symptoms and pathophysiology.
- b) Explain the pathophysiology of Acute renal failure.

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

1. Give the symptoms and pathophysiology of Congestive heart failure.
2. Explain the pathophysiology of Asthma.
3. Give the risk factors for Atherosclerosis.
4. Discuss the cellular events in Acute inflammation.

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

1. Define Metaplasia.
2. Give the treatment for H. Pylori.
3. What is diapedesis?
4. Give the symptoms for urinary tract infection.
5. What is primary gout?

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