



(LG 4260)

FEBRUARY 2015

Sub. Code: 4260

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

Q.P. Code: 564260

**Time: Three hours**

**Maximum: 100 marks**

**Answer Section A and B in SEPARATE Answer Book.**

**SECTION A  
(PHARMACY PRACTICE)**

**I. Essay:** (1 x 20 = 20)

1. a) Discuss the classification of powders. Explain each type with an example.
- b) Explain the code of ethics in community pharmacy.

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

1. Absorbents with example
2. Physical incompatibility with example
3. Solutions used in the oral cavity with example
4. Organisational set up of whole sale and retail drug store

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

1. Meaning of pulvis and unguentum
2. Calculate the dose for an infant of 9 months age when the adult dose is 100 mg using Fried's formula.
3. Define proof spirit
4. Types of drug store
5. Posology

**SECTION B  
(PATHOPHYSIOLOGY)**

**I. Essay:** (1 x 20 = 20)

1. a) Discuss the pathophysiology causes and symptoms of congestive heart disease.
- b) Explain the contributory factors for Atherosclerosis.

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

1. Mechanism of inflammation
2. Management of hypertension
3. Pathogenesis of cell injury
4. Contributory factors in diabetes

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

1. Define cellular adaptation
2. Treatment for H.Pylori
3. Importance of serum creatinine in renal failure
4. Define vascular permeability
5. Any two antibiotics for treating urinary tract infection

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