

(LK 4260)

FEBRUARY 2017

Sub. Code: 4260

**B.PHARM. 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) Define Emulsions and classify it. Write in detail about the instability of emulsions.  
Give the methods of determining the type of emulsion.
- b) Classify the emulsifying agents.

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

1. Give the method of preparation of pills.
2. Classify powders and write about the procedure to be adopted for dispensing powders.
3. Explain the role of pharmacist in community healthcare and education.
4. Discuss therapeutic incompatibility with examples.

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

1. Differentiate gargles and mouthwashes.
2. Define pastilles.
3. Name the parts of a prescription.
4. Give any two formulae for calculating child dose.
5. Define idiosyncrasy.

**SECTION B  
(PATHOPHYSIOLOGY)**

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

1. Define Hypertension. Discuss in detail the etiology, types, pathophysiology and management of hypertension.

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

1. What is cell injury and add a note on free radical mediated cell injury?
2. Give the causes of chronic inflammation.
3. Discuss the symptoms and pathophysiology of Myocardial Infarction.
4. Differentiate Rheumatoid Arthritis and Osteoporosis.

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

1. What is Azotemia?
2. What is Aortic stenosis?
3. What is Choleostasis?
4. Define hyperplasia and atrophy.
5. Name two drugs used for treatment of Tuberculosis.

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