

SECOND YEAR B.PHARM. EXAM

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. Elaborate on: (1X20=20)

1. a. Discuss the formulation of mixtures with examples?
- b. Classify different types of bandage materials with their application

II. Write notes on: (4X5=20)

1. Mention the factors to be determined during dose calculation.
2. Write a note on therapeutic incompatibility with example.
3. Outline the design of drug store?
4. Mention the records to be retained in the drug store.

III. Short Answers on: (5X2=10)

1. Define Emulsion
2. Give two examples for over the counter medication.
3. Differentiate the mode of application in liniment & lotion
4. Define hypertonic solution.
5. Mention two examples for adhesive tapes

**SECTION B
(PATHOPHYSIOLOGY)**

I. Elaborate on: (1X20=20)

1. a) Discuss the pathophysiology of cell injury.
- b) Enumerate the management of diabetes

II. Write notes on: (4X5=20)

1. Differentiate atrophy & hypertrophy
2. Mechanism of cell repair
3. Pathophysiology of hypertension.
4. Contributing factors for asthma.

III. Short answers on: (5X2=10)

1. Gout
2. Therapy for treating rheumatoid arthritis
3. Importance of thyroid stimulating hormone
4. Treatment for peptic ulcer
5. Any two causes of cell injury.
