

**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. a) Define and classify the different type of mixtures with suitable examples.
- b) What are emulsions? Explain the method of preparation of emulsion.

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

1. Explain the factors affecting the dose(s) of drugs.
2. Write a note on sources of errors in prescription.
3. Mention various formulae used to calculate child dose.
4. What are the roles of pharmacist in community and health education?

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

1. Mention the uses of liniment.
2. Name the types of physical incompatibilities.
3. What is superscription?
4. Define lozenges.
5. What is tachyphylaxis?

**SECTION B
(PATHOPHYSIOLOGY)**

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

1. Define inflammation. Explain the various process of inflammation.

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

1. Management of hypertension.
2. Write about the risk factors for atherosclerosis.
3. Pathophysiology of hepatitis A and B.
4. Explain the pathophysiology of urinary tract infection.

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

1. Define Hyperplasia.
2. Symptoms of Diabetes Mellitus.
3. What is Gout?
4. Any two causes of cell injury.
5. Give the treatment for syphilis.
