



[LR 1220]

DECEMBER 2020

Sub. Code: 4260

(AUGUST 2020 EXAM SESSION)

B. PHARMACY DEGREE EXAMINATION**SECOND YEAR – (Regulation from 2009-2010)****PAPER V – PHARMACY PRACTICE AND PATHOPHYSIOLOGY***Q.P. Code: 564260***Time: Three hours****Answer ALL Questions****Maximum: 100 Marks****SECTION A
(PHARMACY PRACTICE)****I. Elaborate on:****(1 x 20 = 20)**

1. a) Classify Emulsifying agents. Add a note on HLB.
- b) Discuss the stability of Emulsions.

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

1. Explain the sources of error in prescription.
2. Write a brief note on Adsorbents.
3. Give an account of the records to be retained in the drug store.
4. Distinguish between Gargles and Mouthwashes.

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

1. List out the factors determining the dose of a drug.
2. What is Antagonism? Give example.
3. What are adhesive tapes?
4. What are tablet triturates?
5. Write two examples for chemical incompatibility?

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

1. What is Rheumatoid Arthritis? Explain its causes, symptoms and pathophysiology.

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

1. Discuss the management of Hypertension.
2. Explain the mechanism involved in the process of Inflammation.
3. Discuss the pathophysiology of Acute Renal Failure.
4. Explain the different types of Epilepsy.

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

1. What are chemical mediators? Give examples.
2. Treatment of UTI.
3. What is Ischaemia?
4. Diapedesis.
5. Metaplasia.

