



[LR 1220]

DECEMBER 2020

Sub. Code: 4264

(AUGUST 2020 EXAM SESSION)

**B. PHARMACY DEGREE EXAMINATION**

**THIRD YEAR – (Regulation from 2009-2010)**

**PAPER IV – PHARMACOLOGY - I**

*Q.P. Code: 564264*

**Time: Three hours**

**Answer ALL questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. a) Explain different types of Epilepsy & write the classification of Antiepileptic drugs.  
b) Write the mechanism of actions, adverse effects & therapeutic uses of Phenytoin.
2. Classify Antihypertensive drugs with examples. Explain the Pharmacological action of Potassium channel activators & ACE Inhibitors.

**II. Write notes on:**

**(8 x 5 = 40)**

1. What are the symptoms & treatment of acute Organophosphorus poisoning?
2. Name the Factors modifying drug action.
3. Mood stabilizers.
4. What are the principles of Bio assay? Describe the bioassay of Vasopressin.
5. Mast cell stabilizers.
6. Explain the various stages of anaesthesia.
7. Write in brief about Osmotic diuretics.
8. Classify Anti hyperlipidemic drugs. Write the mechanism of action of HMG-CoA reductase inhibitors.

**III. Short answers on:**

**(10 x 2 = 20)**

1. What is Pro drug? Give two examples.
2. Define Gout and name two Anti Gout drugs.
3. Give the Antidote for Methanolpoison.
4. How does the local Anaesthetic act?
5. What are Carbonic anhydrase inhibitors?
6. Name any two Cholinomimetic alkaloids.
7. Define Teratogenicity with examples.
8. Name two drugs used in Angina pectoris.
9. Name two Expectorant.
10. Name two Antianxiety drugs.

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