

(LI 4264)

FEBRUARY 2016

Sub. Code: 4264

**THIRD YEAR B.PHARM. EXAMINATION
PAPER IV – PHARMACOLOGY - I***Q.P. Code: 564264***Time: Three hours****Maximum: 100 Marks****I. Essay :****(2 x 20 = 40)**

1. What are Anticonvulsants? Classify them with suitable example. State the pharmacological activity, mechanism of actions, therapeutic uses and side effects of Diazepam.
2. Classify Anti-inflammatory drugs. Discuss the mechanism of action, pharmacological actions, side effects and uses of Aspirin.

II. Short notes on :**(8 x 5 = 40)**

1. Write the mechanism of action and Therapeutic uses of Loop Diuretics.
2. Classify Anti Asthmatic drugs. Write the mechanism of action of Terbutaline.
3. Give the diagrammatic representation of Adrenergic Neurohumoral Transmission.
4. Write the Therapeutic uses of Beta Blockers.
5. Write a note on Calcium Channel Blockers.
6. Pharmacological actions and uses of Succinyl Choline.
7. Write a note on SSRIs.
8. Explain the effects of pH and diseases state in drug absorption.

III. Short answers on :**(10 x 2 = 20)**

1. Give two examples of Ion channels.
2. Write two limitation of Bioassay.
3. What is first pass Metabolism?
4. State two important properties of a Recepto
5. Give two examples of drugs of abuse.
6. Give two symptoms of Morphine poisoning.
7. What are the Analeptics? Give examples.
8. Name the antidotes for Methanol poisoning.
9. What are Neurotransmitters? Give example.
10. Drug Synergism.
