

(LD 4264)

AUGUST 2013

Sub. Code: 4264

**THIRD YEAR B.PHARM. EXAM  
PAPER IV – PHARMACOLOGY - I**

*Q.P. Code: 564264*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X20=40)**

1. Classify drugs used in the treatment of congestive cardiac failure. Explain the mechanism of action of Digoxin. Mention its adverse effects.
2. Explain various routes of administration with their advantages and disadvantages. Add a note on novel drug delivery system.

**II. Write notes on:**

**(8X5=40)**

1. Anti-parkinsonism drugs. Explain the purpose of combining levodopa and carbidopa.
2. Classify benzodiazepines. Write the mechanism of action and uses.
3. Write notes on Drug – Drug interaction.
4. Explain the pharmacology of Opioid analgesics.
5. Mast cell stabilizers.
6. Describe the pharmacology of anti-anxiety agents.
7. Mood stabilizers
8. Drugs for the treatment of Angina pectoris?

**III. Short Answers on:**

**(10X2=20)**

1. Therapeutic use of Benserazide.
2. What is Preanesthetic medication?
3. Define analgesic with examples.
4. What is status epilepticus site the drug of choice?
5. Dissociative anesthetics
6. Disulfuram reaction.
7. Name two potassium sparing diuretics.
8. What is prodrug? Give examples.
9. Define teratogenicity with example.
10. Therapeutic uses of Losartan.

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