



(LJ 4264)

**AUGUST 2016**

Sub. Code: 4264

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

*Q.P. Code: 564264*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on :**

**(2 x 20 = 40)**

1. Define and classify Antipsychotics agents. Explain the mechanism of action, pharmacological actions, side effects and therapeutic uses of Chlorpromazine.
2. Classify drugs used in Congestive Cardiac failure. Write in detail about mechanism of action, side effects and uses of Digoxin.

**II. Write notes on :**

**(8 x 5 = 40)**

1. Write briefly on the factors modifying drug effects.
2. Classify neuromuscular blocking agents with examples.
3. Diuretics in treatment of Hypertension.
4. Narcotic drug dependence and its treatment.
5. Write briefly on the bioassay of Oxytocin.
6. Pharmacological actions and side effects of Atropine.
7. Symptoms and treatment of Salicylate poisoning.
8. Write briefly about Lithium Carbonate.

**III. Short answers on :**

**(10 x 2 = 20)**

1. What is the rationality of combining Adrenaline with local anaesthetics.
2. What is prodrug? Give two examples.
3. Give four examples of HMG-CoA reductase inhibitors.
4. Define Potency and Efficacy of a drug.
5. Name two side effects of Phenytoin.
6. Mention two ganglion blockers and their uses.
7. What are osmotic diuretics? Give two examples.
8. Define Teratogenicity. Give two examples.
9. Name two common side effects of ACE Inhibitors.
10. Name two therapeutic uses of bromocriptine.

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