



(LM 4264)

FEBRUARY 2018

Sub. Code: 4264

**B.PHARM. DEGREE 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. a) Classify anti-cholinergic drugs with examples for each group.
b) Describe pharmacological actions, therapeutic uses and adverse effects of atropine.
2. a) Classify anti-hypertensive drugs with examples for each group.
b) Explain the mechanism of action, pharmacological actions, therapeutic uses and adverse effects of calcium channel blockers

II. Write notes on:

(8 x 5 = 40)

1. Write the pharmacological activity of cardiac glycosides.
2. Anti-inflammatory drugs.
3. Write briefly the mechanism of action of chlorpromazine.
4. Explain the mechanism of action and therapeutic uses of digoxin.
5. Define Anti-tussives. Explain the drugs used for anti-tussives.
6. Write in brief about spironolactone as a diuretic.
7. Define parkinsonism and classify the drugs used for it.
8. Write a note on parenteral route of drug administration.

III. Short answers on :

(10 x 2 = 20)

1. Define teratogenicity and give two examples.
2. Name of the four neurotransmitters in the CNS.
3. Name two drugs used in glaucoma.
4. Give two examples of anti-hyperlipidemic drugs.
5. Propranolol is contraindicated in bronchial Asthma – explain.
6. Define diuretics and give two examples for osmotic diuretic.
7. Name two hallucinogens.
8. Define Hypnotic and Sedative.
9. Two examples for narcotic analgesic and its antagonists.
10. Name two drugs used in angina pectoris.

