

(LG 4264)

FEBRUARY 2015

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 is biotransformation? What are cytochrome enzymes? Explain the various phases of biotransformation reactions with suitable examples.
2. Define and classify Antipsychotics. Explain the mechanism of actions, Pharmacological actions, side effects and therapeutic uses of Chlorpromazine.

II. Short notes:

(8 x 5 = 40)

1. What are symptoms and treatment for acute organophosphorus poisoning?
2. Factors modifying drug effects
3. Levodopa
4. Classify anticonvulsant drugs with examples
5. Selective β_2 agonists and their advantages
6. What is cough? Explain the drugs used in the treatment of cough
7. MAO inhibitors
8. Bioassay of oxytocin

III. Short answers:

(10 x 2 = 20)

1. Advantage for combining adrenaline along with local anesthetics.
2. Name two drugs used in glaucoma.
3. Therapeutic uses of Lithium and precautions to be taken while using Li.
4. Give examples of Cox-2 inhibitors.
5. Propranolol is contra indicated in Bronchial asthma – explain.
6. Give examples of centrally acting muscles relaxants.
7. Define drug dependence and give examples of drugs showing drug dependence.
8. Two uses of minoxidil.
9. Define pre-anaesthetic medication. Give two examples.
10. Give two examples of anti hyperlipidemic.
