

[KZ 4264]

Sub. Code: 4264

**THIRD B.PHARM. EXAMINATION****Paper IV – PHARMACOLOGY – I***Q.P. Code : 564264***Time : Three hours****Maximum: 100 Marks****Answer ALL questions.****I. LONG ESSAYS****(2 x 20 = 40)**

1. a) Define angina pectoris and classify the anti anginal drugs.  
b) Write the mechanism of action and pharmacological action of nitrate.  
c) Mention the therapeutic use and adverse drug effect of nitrate.
2. a) Classify cholinergic drugs with example for each group.  
b) Describe pharmacological actions of and therapeutic use and adverse effect of acetylcholine.  
c) Mention the therapeutics uses of and adverse effect of atropine.

**II. SHORT NOTES****(8 x 5 = 40)**

1. Define metabolism? Write short notes as various reaction involved in metabolism ?
2. Write short note on bio-availability?
3. Classify antidepressant and write mechanism of fluoxetine?
4. Preanaesthetics medication?
5. Define asthma and write the pharmacological action of and therapeutic uses of theophylline ?
6. Mast cell stabilizers. ?
7. Jak/state kinase binding receptor? 8. Write short notes on central nervous system stimulant?

**III. SHORT ANSWERS****(10 x 2 = 20)**

1. Define tachyphylaxis ?
2. Agonist?
3. Define metabolism?
4. Define distribution?
5. What are receptors?
6. What is status asthmaticus the drug of choice?
7. What is prodrug give example?
8. Explain the Volume of distribution?
9. Name two drugs used in glaucoma?
10. Name two drugs that suppress dry cough.

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