

February 2012

[LA 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. Elaborate on:**

**(2X20=40)**

1. Define hypertension. What are the different types of hypertension? Enumerate anti hypertensive drugs with examples write the mechanism, adverse effects and uses of any one class of drug.
2. What are the neuromuscular blockers? Classify them with examples. Compare and contrast between depolarizing and non depolarizing neuromuscular blocking drugs.

**II. Write notes on:**

**(8X5=40)**

1. What are diuretics? Classify them with examples.
2. Define cardiac arrhythmias. What are the different types of arrhythmias?
3. Enumerate antitussives drugs.
4. Enumerate anti parkinsonism drugs
5. Anti-inflammatory drugs
6. Pharmacogenetics
7. Calcium channel blockers
8. Preamanesthetic medications

**III. Short Answer:**

**(10X2=20)**

1. What are inverse agonist? Give examples
2. Give two examples for mast cell stabilizers
3. What are hypnotics? Give examples
4. Tachyphylaxis
5. Write the mechanism of action of Disulfuran
6. Write the mechanism of action of frusimide
7. Give two examples for HMG-coA reductase inhibitors
8. Give two examples Narcotic antagonists
9. Give two examples of CNS stimulants
10. What are Secondary messengers in G-protein coupled receptor

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