

[KT 544]

AUGUST 2008

Sub. Code : 4065

SECOND M.B.B.S. DEGREE EXAMINATION**Revised (Non-Semester) Regulations****Paper V – PHARMACOLOGY – I*****Q. P. Code : 524065*****Time : Three hours****Maximum: 100 Marks**Answer **ALL** questions.

Draw Suitable diagrams wherever necessary

I. Essay Questions :**(2 x 15 = 30)**

1. (i) Classify antihypertensive drugs.
(ii) Write the mechanism of action and pharmacological action of captopril.
(iii) Therapeutic uses and adverse effects of captopril.
2. (i) Classify NSAID's.
(ii) Write the mechanism of action and pharmacological action of salicylates.
(iii) Therapeutic uses and adverse effects of salicylates.

II. Write Short notes on :**(10 x 5 = 50)**

1. Treatment of organophosphorus poisoning.
2. Biotransformation.
3. Indications and contra – indications of B-blockers.
4. Write the differences between competitive & Non-competitive Neuromuscular blockers.
Write their therapeutic uses and adverse effects.
5. Intravenous general Anaesthetics.
6. Selective serotonin re-uptake inhibitors.
7. Pharmacotherapy of parkinsonism.
8. Therapeutic uses of prostoglandins.
9. High Ceiling Diuretics.
10. Pentazocine.

III. Short Answer Questions :**(10 x 2 = 20)**

1. Name two selective α_1 inhibitors.
2. Rationale of giving adrenaline along with local anaesthetics.
3. Write two therapeutic uses of ONDANSETRAN.
4. Mention two advantages and disadvantages of sublingual route of drug administration.
5. Drug used in cardiogenic shock.
6. Centrally acting cough suppressants and their use.
7. Therapeutic uses of AMIODARONE.
8. Name two second generation Antihistamines and their therapeutic uses.
9. Therapeutic uses of organic nitrates.
10. Adverse effects of SPIRONOLACTONE.
