

[LP 544]

AUGUST 2019

Sub Code: 5061

**M.B.B.S. DEGREE EXAMINATION  
SECOND YEAR  
PAPER I – PHARMACOLOGY – I**

*Q.P. Code: 525061***Time: Three hours****Maximum : 40 Marks****Answer All Questions****I. Elaborate on:****(2 + 5 + 3 = 10)**

1. Classify anti-hypertensive drugs. Discuss the adverse effects and therapeutic uses of beta blockers. Discuss the drug therapy of hypertensive emergency.

**II. Write notes on:****(6 x 4 = 24)**

1. Parenteral route of drug administration.
2. Pharmacotherapy of status asthmaticus.
3. Parenteral iron therapy.
4. Discuss the advantages and therapeutic uses of low molecular weight heparin.
5. Therapeutic uses and side effects of furosemide.
6. Mention the mechanism of action, uses and adverse effects of NSAIDs.

**III. Short answers on:****(6 x 1 = 6)**

1. Rationale of combining L-Dopa and Carbidopa in the treatment of Parkinsonism.
2. Name two different groups of drugs used in the treatment of open angle glaucoma.
3. What is zero order pharmacokinetics?
4. Name two second generation anti-histamines and their therapeutic uses.
5. Name two therapeutic uses of cardiac glycosides.
6. List two advantages in using nitrous oxide for general anaesthesia.

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