

(LI 126)

APRIL 2016

Sub. Code:2023

M.D. DEGREE EXAMINATION
BRANCH VI – PHARMACOLOGY
PAPER II – SYSTEMIC PHARMACOLOGY INCLUDING
RECENT ADVANCES

Q.P.Code: 202023

Time: Three Hours

Maximum: 100 Marks

I. Essay:

(2 x 10 = 20)

1. Describe the pathophysiology of heart failure and the recent advances in its management.
2. Discuss the current trends in management of Parkinsonism.

II. Short Questions:

(8 x 5 = 40)

1. Carbonic anhydrase inhibitors.
2. Newer antianginal drugs.
3. Z Drugs.
4. Ergot alkaloids.
5. Hypertensive emergencies.
6. Rasburicase.
7. PAF antagonists.
8. Cholinesterase regenerators.

III. Reasoning Out:

(4 x 5 = 20)

1. Prostaglandin analogs in obstetric use.
2. Role of synbiotics in bowel disorders.
3. Ion channels as novel analgesic targets.
4. Leukotriene antagonists in bronchial asthma.

IV. Very Short Answers:

(10 x 2 = 20)

1. Midodrine.
2. Icatibant.
3. Hyperthermic syndromes.
4. Neuropeptide Y.
5. Tapentadol.
6. EMLA.
7. Adenosine.
8. Vernakalant.
9. Acute nicotine toxicity.
10. Mechanism of action and Uses of botulinum toxin.
