

Total No. of Pages : 01

Total No. of Questions : 06

M. Pharma (Sem.-1)
SYSTEMIC PHARMACOLOGY
Subject Code : PHCOL-131
Paper ID : [E1328]

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carries SIXTEEN marks.

1. Classify opioid analgesics. Explain mechanism of action of morphine along with their uses and side effects.
2. Explain mechanism of action of heparin. What are low molecular weight heparins? What are the advantages of low molecular weight heparins over conventional heparins?
3. Classify anti viral agents. Write a note on acyclovir with special emphasis on its mechanism of action, side effects, contradictions and therapeutic uses.
4. Explain the mechanism of action of renin angiotensin system modulators as in hypertension and congestive heart failure. Write their side effects and their contraindications.
5. Write a note on 5-HT system modulating anti-migraine drugs with emphasis on mechanism of action and side effects.
6. Write a note on mechanism of action, side effects and therapeutic uses of NSAIDs.