

PHARMACOLOGY – I

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) What are the different sources of drugs?
 - (b) Write the merits and demerits of sublingual route of administration.
 - (c) Explain dales vasomotor phenomenon.
 - (d) Define miotics and mydriatics with examples.
 - (e) Define drug dependence and drug abuse.
 - (f) What is neurohumoral transmission?
 - (g) Define epilepsy, mention different types of epilepsy.
 - (h) Define depression and mania.
 - (i) What is salicylism?
 - (j) Define anti-migraine drugs with examples.

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

- 2 Discuss in detail the process of bio-transformation with suitable examples.

OR

- 3 Describe the phase of clinical trials.

UNIT – II

- 4 Classify adrenergic drugs with examples and explain pharmacology of adrenaline.

OR

- 5 Write the classification of anticholinesterases. Explain the pharmacology of physostigmine.

UNIT – III

- 6 Write the classification of sedative and hypnotics with examples. Explain the pharmacology of barbiturates.

OR

- 7 Write short notes on skeletal muscle relaxants.

UNIT – IV

- 8 Write the classification of anti-epileptic drugs with examples. Explain the pharmacology of phenytoin.

OR

- 9 Write the classification of drugs used in parkinsonism. Explain the pharmacology of Levodopa.

UNIT – V

- 10 Write the classification of NSAIDs with examples. Explain the pharmacological action and mechanism of action of aspirin.

OR

- 11 What are narcotic analgesics? Classify them with examples and write the pharmacological actions, adverse effects and uses of Codeine.
