

Code: 15R00502

R15

B.Pharm III Year I Semester (R15) Supplementary Examinations June 2018

PHARMACOLOGY – I

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Define tachyphylaxis.
 - Write about the different phases of clinical trials.
 - What are the steps involved in neurohumoral transmission.
 - Write about different types of adrenergic receptors along with their locations.
 - Write the MOA of disulfiram.
 - Name some centrally acting muscle relaxants.
 - Define Parkinsonism.
 - Write the MOA and adverse effects of phenytoin.
 - Classify anti-inflammatory drugs.
 - Give a short note on opioid antagonists.

PART – B

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

UNIT – I

- 2 Explain in detail about synergism and antagonism with examples.

OR

- 3 Define biotransformation. Write a note on biotransformation reaction with example.

UNIT – II

- 4 Define Anticholinesterases. Classify them and write about the pharmacological actions, mechanism of action, adverse effects and uses of it.

OR

- 5 Explain in detail about Beta adrenergic blocking agents with examples.

UNIT – III

- 6 Explain about the stages of general anaesthesia and classify them with examples.

OR

- 7 Define sedatives and hypnotics. Give the MOA, adverse effects and uses of any one sedative and hypnotics from each class.

UNIT – IV

- 8 Give a detailed account on Anti-Parkinsonism drugs.

OR

- 9 Describe in detail about pharmacology of Antidepressants.

UNIT – V

- 10 Give a detailed note on antipyretic agents.

OR

- 11 Write about the pharmacology of preferential COX-2 inhibitors.
