

Code: 13R00603

R13

B.Pharm III Year II Semester (R13) Supplementary Examinations December 2016

PHARMACOLOGY – II

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) What is diabetic ketoacidosis?
 - (b) Explain the terms: (i) Acromegaly. (ii) Cretinism.
 - (c) Give examples for leukotriene antagonists and their uses.
 - (d) Mention the drugs used in the treatment of shock.
 - (e) Explain the mechanism of antihypertensive action of diuretics.
 - (f) What are uterine stimulants and tocolytics? Give examples.
 - (g) Classify 5HT receptors with their subtypes and location.
 - (h) Give examples for lipid derived autacoids.
 - (i) What are prostanoids? Give examples.
 - (j) Mention the adverse effects and uses of ACE inhibitors.

PART – B

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

UNIT - I

- 2 Explain the mechanism of action and adverse effects of class 1 antiarrhythmic agents.

OR

- 3 Explain the mechanism of action and adverse effects of β blockers and calcium channel blockers.

UNIT - II

- 4 Classify antidiuretics with examples and write the uses of antidiuretics and plasma expanders.

OR

- 5 Explain the mechanism of actions, adverse effects and uses of warfarin.

UNIT - III

- 6 Explain the mechanism of action, uses and adverse effects of spironolactone and mannitol.

OR

- 7 Classify the drugs used in the treatment of asthma. Explain the role of mast cell stabilizers in asthma.

UNIT - IV

- 8 Classify histamine receptors with their agonists and antagonists and explain the adverse effects and uses of antihistamine.

OR

- 9 Explain the physiological and pathological role of angiotensina.

UNIT - V

- 10 Explain the mechanism of action, uses and adverse effects of glibenclamide and pioglitazone.

OR

- 11 Explain the pharmacological actions and mechanism of actions, uses and adverse effects of oxytocin.
