

Code: 15R00601

R15

B.Pharm III Year II Semester (R15) Regular Examinations May/June 2018

PHARMACOLOGY – II

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Write the mechanism of action of class-I antiarrhythmic drugs.
 - (b) Write the mechanism of action of calcium channel blockers.
 - (c) What is low molecular weight heparin?
 - (d) What are antifibrinolytic agents? Give examples.
 - (e) What are antidiuretic drugs? Give examples.
 - (f) What are demulcents and expectorants? Give suitable examples.
 - (g) Classify autacoids with suitable examples.
 - (h) Give the example of selective 5 HT_{1D/1B} agonists with its therapeutic use.
 - (i) Write the therapeutic uses of 'Thyroid hormone'.
 - (j) Classify uterine relaxants with suitable examples.

PART – B

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

UNIT – I

- 2 Classify antianginal drugs with suitable examples. Write the pharmacology of potassium channel opener.

OR

- 3 Write the pharmacological actions of bradykinin & kallidin.

UNIT – II

- 4 Explain the pharmacology of HMG COA reductase inhibitors.

OR

- 5 Classify coagulants. Explain the pharmacology of vitamin K.

UNIT – III

- 6 Classify Diuretics. Write the pharmacology of Thiazide diuretics.

OR

- 7 Classify anti asthmatic drugs. Explain mechanism of action, therapeutic uses and adverse effects of Xanthine derivatives.

UNIT – IV

- 8 What are Eicosanoids? Explain the pharmacology of prostaglandins.

OR

- 9 Write the pharmacological actions of Leukotrienes. Add a note on the clinical uses of Leukotrienes.

UNIT – V

- 10 Classify diabetes mellitus. Explain the action of insulin.

OR

- 11 What are uterine stimulant? Write the pharmacological actions of oxytocin.
