

Code: 9R01603

B.Pharm III Year II Semester (R09) Supplementary Examinations May/June 2017

PHARMACOLOGY – II

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 Discuss the therapeutic status and role of β -blockers in the treatment of heart failure.
- 2 Classify the drugs used in coronary artery disease and mention the mechanism of action of the drugs.
- 3 (a) What are class IV anti-arrhythmic drugs?
(b) Define triggered based arrhythmias.
(c) Give a detailed note on muscarinic receptors.
- 4 Write the mechanism of action, therapeutic uses of:
(a) Warfarin.
(b) Heparin.
- 5 Classify diuretics. Write the mechanism of action, therapeutic uses and ADR of furosemide.
- 6 Define autacoids and give a brief note on the synthesis, storage and release of histamine.
- 7 (a) What is antagonism with reference to hormone functioning? Give two examples.
(b) Give short notes on:
(i) Oxytocin.
(ii) GnRH analogues.
- 8 Classify drugs used in bronchial asthma. Discuss the mechanism of action, adverse drug reaction of β -agonist.
