

Code: 9R01603

B.Pharm III Year II Semester (R09) Supplementary Examinations December 2017

**PHARMACOLOGY – II**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 Define shock. Discuss the mechanism involved in the development of hypovolemic shock and its effects. Write notes on cardiac glycosides.
- 2 (a) What is coronary artery disease?  
(b) How does it develop?  
(c) Give a note on the symptoms and treatment options of coronary artery disease.
- 3 What are arrhythmias? Classify anti-arrhythmic drugs. Discuss the pharmacology of class 1 A anti-arrhythmic drugs
- 4 (a) Write a note on anti-coagulants.  
(b) Classify anti-platelet drugs and give a detailed note on the therapeutic uses, mechanism of action and ADR of the drugs.
- 5 How do you define diuretics? Classify various diuretics and discuss the pharmacology of thiazides.
- 6 (a) What are the advantages of newer anti-histamines?  
(b) Give detailed note on 5HT and its antagonist.
- 7 (a) Classify oral hypoglycemic drugs.  
(b) What are the different insulin preparations?  
(c) Name 2 superactive GnRH agonists and give their uses.
- 8 (a) Classify antitussive. Explain the pharmacotherapy of cough.  
(b) Enumerate the uses of mast cell stabilizers in bronchial asthma with their names.

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