

**R07**

**Code No: R7503**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD  
III Year B. Pharmacy II Semester Examinations, DEC.-JAN., 2011-2012  
PHARMACOLOGY-II**

**Time: 3 hours**

**Max. Marks: 80**

**Answer any five questions  
All questions carry equal marks**

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1. Classify antihypertensive drugs. Discuss the mechanism of action, therapeutic uses and adverse effects of  $\beta_1$  – blockers. [16]
2. Discuss the detailed pharmacology of nitroglycerin. [16]
3. Classify antiarrhythmic drugs. Describe in detail about Class I antiarrhythmic agents. [16]
4. Write a short note on [8+8]
  - a) Antiplatelet drugs
  - b) Iron
5. Describe the mechanism of action, therapeutic uses and adverse effects of various classes of diuretics. [16]
6. Classify antihistaminics. Write in detail about  $H_1$  antihistaminics. [16]
7. Write the synthesis and physiological role of prostaglandins. [16]
8. Write a short note on [8+8]
  - a) Bronchodilators
  - b) Antitussives

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