

Code No. 8052

FACULTY OF PHARMACY**B. Pharmacy 3/4 I - Semester (Main) Examination, October / November 2014****Subject: Pharmacology – I****Time: 3 Hours****Max. Marks: 70*****Note: Answer all questions. All questions carry equal marks.***

- 1 (a) Explain in detail about the advantages of different routes of drug administration. (14)
OR
(b) Define Receptor. Classify receptors and explain about G-protein coupled receptors.
- 2 (a) Write short notes on : (7+7)
(i) α -adrenergic blockers
(ii) Anticholinesterases
OR
(b) Classify parasympathomimetic drugs. Write in detail about the pharmacology of acetyl choline. (14)
- 3 (a) Classify Non-steroidal anti-inflammatory agents. Explain the details of any three classes of drugs. (5+9)
OR
(b) Write short notes on : (7+7)
(i) Anti-Parkinson's drugs
(ii) CNS stimulants
- 4 (a) What is hypertension? Classify the drugs used in the treatment of Hypertension. Explain the mechanism of action, therapeutic uses and adverse effects of ACE inhibitors and β -Blockers. (2+4+8)
OR
(b) Write short notes on : (6+8)
(i) Bronchodilators
(ii) Antihyperlipidemic agents
- 5 (a) Define Diuresis. Classify Diuretics and explain mechanism of action. Adverse reactions and therapeutic uses of carbonic anhydrase inhibitors and potassium sparing diuretics. (2+5+7)
OR
(b) Write short notes on : (7+7)
(i) Pharmacology of purgatives
(ii) Anti-diarrheals classification
