

Code No. 7221 / S

FACULTY OF PHARMACY**B. Pharmacy III-Year I – Semester (Supplementary) Examination, April 2014****Subject : Pharmacology – I****Time : 3 hours****Max. Marks : 70****Note: Answer all questions. All questions carry equal marks.**

- 1 a) What are various mechanisms of drug action? Explain about receptor mediated drug action in detail. 7+7
- OR**
- b) Write about the following : 7+7
i) Phase-II reactions ii) Biological half life
- 2 a) Classify parasympathomimetic drugs? Write the pharmacology of Acetyl choline. 14
- OR**
- b) Write the pharmacology of 4+5+5
i) Dicyclomine ii) Atropine iii) Propranolol
- 3 a) Define parkinsonism? Classify antiparkinson drugs with examples? Write the mechanism of action and therapeutic uses of COMT inhibitors and MAO inhibitors. 14
- OR**
- b) Write the mechanism of action, adverse effects and therapeutic uses of following drugs. 5+5+4
i) Diazepam ii) imipramine iii) Lithium carbonate
- 4 a) Classify anti arrhythmic agents? Write the mechanism of action, adverse effects and therapeutic uses of class-I drugs. 14
- OR**
- b) Write short notes on : 7+7
i) Bronchodilators ii) Vasodilators
- 5 a) Classify diuretics? Write the mechanism of action, therapeutic and adverse effects of following : 14
i) Furosemide ii) Acetazolamide
- OR**
- b) Write the mechanism of action and therapeutic uses of following drugs. 7+7
(i) Ondansetron (ii) Pantoprazole
