

Pharmacy,

Code No. 8052 / S

FACULTY OF PHARMACY**B.Pharmacy 3/4 I-Semester (Suppl.) Examination, April / May 2015****Subject : Pharmacology - I****Time : 3 Hours****Max. Marks: 70****Note: Answer all questions. All questions carry equal marks.**

- 1 (a) Classify receptors. Explain in detail about G-protein coupled receptors. (14)
OR
(b) Explain in detail about phase-I biotransformation of drugs with examples.
- 2 (a) Classify sympathomimetics and a note on β -adrenergic blocking agents. (14)
OR
(b) Classify parasympatholytics and explain the pharmacological actions of Atropine. (9)
(c) Explain the mechanism of Action, Adverse effects and therapeutic use of anticholinestereases. (5)
- 3 (a) Write a note on : (4+5+5)
(i) Hypnotic agents
(ii) Local anaesthetics
(iii) Analgesics
OR
(b) Define Epilepsy. Classify antiepileptic drugs. Write the mechanism of Action, adverse effects and therapeutic uses of Benzodiazepine and sodium valproate. (14)
- 4 (a) Define bronchial asthma. Classify drugs used in the treatment of Asthma. (7)
(b) Classify antianginal drugs. Write about the mechanism of action and therapeutic uses of Nitrates. (3+4)
OR
(c) Define arrhythmia. Classify Antiarrhythmic agents. Explain mechanism of action, adverse effects and therapeutic uses of any two drugs of different class. (14)
- 5 (a) Write short note on : (7+7)
(i) Antiemetic agents
(ii) High ceiling diuretics
OR
(b) Classify anti ulcer agents. Write the mechanism of action. Pharmacological actions and therapeutic uses of Anti histaminics and ulcer protectants. (14)
