

Code No. 4052

FACULTY**B. Pharmacy 3/4 I – Semester (Main) Examination, November 2016****Subject: Pharmacology – I****Time: 3 Hrs****Max.Marks: 70****Note: Answer all questions. All questions carry equal marks.**

- 1 a) Write in detail abt varis biotransformation reactions with examples. 14
OR
b) Explain in detail abt the advantaes and disadvantaes of different rtes of dru administration. 14
- 2 a) Write the pharmacoloical actions of acetyl choline. 7
b) Explain the varis therapeutic uses and adverse reactions of (S) □ adreneric blockers. 7
OR
c) Explain the pharmacoloical actions and therapeutic uses of the followin:
i) Acetylcholinesterase inhibitors. 7
ii) Adreneric drus 7
- 3 a) Classify anti epileptic aents and explain the mechanism of action, adverse reactions and therapeutic uses of any three classes of drus. 5+9
OR
b) Write the classification of non steroidal anti inflammatory aents and explain the details of any three classes of drus. 5+9
- 4 a) Define hypertension. Classify the antihypertensive aents with examples. Write abt the mechanism of action and adverse reactions of ACE inhibitors and calcium channel blockers. 2+6+6
OR
b) Write short notes on:
i) Bronchodilators 7
ii) Antihyperlipidemics 7
- 5 a) Classify the aents used in treatment of peptic ulcer disease. Write abt the pharmacoloical actions and therapeutic uses of Omeprazole and Rantidine. 4+6
b) Write short notes on osmotic diuretics. 4
OR
c) Write abt the followin:
i) Anti diarrhoeal aents 7
ii) Anti emetic aents 7
