

FACULTY

**B. Pharmacy 3/4 Year I Semester (Non CBCS) (Backlo) Examination,
November 2018**

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 . (8)
b) Define the followin: (6)
i) Therapeutic Index
ii) Tachyphylaxis
iii) Synerism

OR

- b) Explain in detail abt the advantaes and disadvantaes of different rtes of dru administration.
- 2 a) Write the pharmacoloical effects of acetyl choline. (7)
b) Explain the varis therapeutic uses and adverse reactions of (α) – adreneric blockers. (7)
- OR**
- c) Explain the pharmacoloical actions and therapeutic uses of the followin:
(i) Acetylcholinesterase Inhibitors (7 + 7)
(ii) β – Adreneric blockers

- 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 hyperlipidemia. Classify the anti hyperlipidemic aents with examples. Write abt the mechanism of action and adverse reactions of HM CoA reductase inhibitors. (2+6+ 6)

OR

- b) Write short notes on: (7 + 7)
(i) Bronchodilators
(ii) Antiarrythmics
- 5 a) Classify the aents used in treatment of peptic ulcer disease. Write abt the pharmacoloical actions and therapeutic uses of Omeprazole. (5 + 5)
b) Write short notes on carbonic anhydrase inhibitors. (4)
- OR**
- c) Write abt the followin: (7 + 7)
(i) Anti – diarrhoeal aents
(ii) Anti – emetic aents
