

FACULTY OF PHARMACY
Pharm. D (6 YDC) II-Year (Main) Examination, July 2017

Subject : Pharmacology-I

Time : 3 Hrs**Max. Marks: 70**

Note: Answer all questions from Part - A and answer any five questions from Part-B.

PART – A (10 x 2 = 20 Marks)

- 1 Explain the triple response of Histamine.
- 2 Write the advantages of oral route of administration.
- 3 Explain in brief about the types of Antagonism.
- 4 Write the treatment for Parkinsonism.
- 5 Write the classification of Bronchodilators.
- 6 What is the pathophysiological role of 5-HT(5-Hydroxy tryptamine)?
- 7 Write the adverse effects of Insulin.
- 8 Explain the mechanism of action of local anaesthetics.
- 9 Write the pharmacology of Nicotine.
- 10 Explain about Biotransformation reaction in brief.

PART – B (5 x 10 = 50 Marks)

- 11 Explain the factors modifying drug action.
- 12 Classify parasympathomimetics with examples. Write the mechanism of action, pharmacological actions and adverse effects of Acetyl choline.
- 13 (a) Classify the drugs used in congestive Heart failure.
(b) Explain in detail about the pharmacological actions of any one drug with adverse effects in Diabetes mellitus.
- 14 (a) What are Anti-Histamines? Classify with examples. Write the pharmacological actions of any one drug.
(b) Write a note on 5-HT antagonists.
- 15 (a) What are opioid analgesics? Write the classification with examples.
(b) Write the pharmacological actions, adverse effects and therapeutic uses of paracetamol.
- 16 (a) Classify sedatives and hypnotics with examples.
(b) Write a note on Anti-hyperlipidemic drugs.
- 17 (a) Explain Toxicity studies in detail.
(b) Write about the treatment of myasthenia gravis.
- 18 (a) Write the pharmacological actions of Insulin.
(b) Explain Drug-Drug Interactions with few examples.
