

FACULTY OF PHARMACY**Pharm D (6–YDC) II – Year (Main & Backlog) Examination, July 2018****Subject: Pharmacology – I****Time: 3 Hrs****Max.Marks: 70****Note: Answer all questions from Part – A. Any Five questions from Part – B.****PART – A (10x2 = 20 Marks)**

- 1 What is meant by Biphasic response of adrenaline?
- 2 Write abt the disadvantages of parenteral rte of administration.
- 3 Define the terms – Tachyphylaxis and synergism.
- 4 Write in brief abt the pathophysiological role of histamine.
- 5 How do y treat schizophrenia?
- 6 Explain the mechanism of action of barbiturates.
- 7 Write the therapeutic uses of beta blockers.
- 8 Classify alpha – blockers with examples.
- 9 What are the actions of oxytocin?
- 10 Write a note on 5-HT₂ antagonists.

PART – B (50 Marks)

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| 11 a) Classify anti-hypertensives with examples. | 5 |
| b) Explain in detail abt any two classes of anti -hypertensives. | 5 |
| 12 a) Write the pharmacological action of isoprenaline. | 5 |
| b) Write a note on organophosphorus poisoning and treatment. | 5 |
| 13 Explain in brief abt anti -arrhythmic drugs. | |
| 14 a) Write abt the thyroid disorders. | 4 |
| b) Classify anti-thyroid drugs with examples. Explain any two classes of drugs. | 6 |
| 15 Explain in detail abt the drugs used in bronchial asthma. | 10 |
| 16 a) What are non-opioid analgesics? Classify the drugs with examples. | 5 |
| b) Write the pharmacological actions of aspirin. | 5 |
| 17 a) Explain in detail abt the general anaesthetics. | 7 |
| b) Write abt the actions of alcohol. | 3 |
| 18 a) Write the pharmacological actions of phenytoin. | 5 |
| b) Explain in brief abt H ₂ -receptor antagonists. | 5 |
