

**FACULTY OF PHARMACY**  
**Pharm. D (6 YDC) II-Year (Instant) Examination, March 2018**

**Subject : Pharmacology – I**

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

**Note: Answer all questions from Part – A, answer any five questions from Part-B.**

**PART – A (10 x 2 = 20 Marks)**

- 1 What is antagonism? Write the types of Antagonism with examples.
- 2 What are Nasal decongestants? Give examples.
- 3 Write one example each of Pharmacokinetic and Pharmacodynamic drug interactions.
- 4 What is Plasma protein binding? Write its significance.
- 5 What are Neuro muscular blockers? Write the mechanism of d-Tubocurarine.
- 6 What are Tocolytics? Give examples.
- 7 Write briefly on Oral contraceptives.
- 8 What is Myasthenia gravis? Name the drugs used.
- 9 Write the mechanism of action of Theophylline in bronchial asthma.
- 10 Write the role of Angiotensin receptor blockers in hypertension.

**PART – B (5 x 10 = 50 Marks)**

- 11 Write the advantages and disadvantages of different routes of administration of drugs.
- 12 Classify Anti-parkinsonism drugs. Write in detail about the drugs used to treat Parkinsonism.
- 13 (a) Write short notes on CNS stimulants. (4)  
(b) Write in detail about local anaesthetics. (6)
- 14 (a) What is Eicosanoids? Write the biosynthesis. (4)  
(b) Write pathophysiological role in Angiotensin and Prostaglandins. (6)
- 15 Write about :  
(a) G-protein coupled receptors (4)  
(b) Different mechanism of Absorption of drugs (6)
- 16 Classify adrenergic blockers with examples. Write the pharmacology of  
(a) Prazosin (b) Propranolol
- 17 What are Androgens? Write the physiological role of sex hormones.
- 18 Classify Anti-arrhythmic drugs. Write in detail pharmacology of drugs used to treat Arrhythmias.

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