

B PHARM**(SEM-V) THEORY EXAMINATION 2018-19
PHARMACOLOGY-I (PHARMACOLOGY & TOXICOLOGY)****Time: 3 Hours****Total Marks: 100****Note:** Attempt all Sections.**SECTION A**

- 1. Attempt all questions in brief. 2 x 10 = 20**
- a. Define Pharmacokinetics.
 - b. What are characteristics of the oral route?
 - c. Define partial agonist.
 - d. Write uses of Atropine.
 - e. Explain synergistic effect.
 - f. Define Poison.
 - g. What is universal antidote?
 - h. Write about secondary messenger in transducer mechanism.
 - i. Write a short note on ADR.
 - j. How sedatives differ from hypnotics?

SECTION B

- 2. Attempt any three of the following: 10 x 3 = 30**
- a. Classify adrenergic receptors. Give detail about beta blockers.
 - b. Write about Ligand gated ion channel receptor.
 - c. Write about any two of the following:
[i] Tolerance [ii] Teratogenicity [iii] Iatrogenic diseases
 - d. Give pharmacology of d-tubocurarine.
 - e. General principles for treatment of poisoning.

SECTION C

- 3. Attempt any one part of the following: 10 x 1 = 10**
- a. Classify synpathomimetics. Write pharmacology of adrenaline.
 - b. Write about mechanisms of drug action.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- a. Give brief account of skeletal muscle relaxants.
 - b. Mechanism of Action of General anaesthetics.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- a. Give idea about Atropinic drugs.
 - b. Write about bioassay.
- 6. Attempt any one part of the following: 10 x 1 = 10**
- a. Write a short note on opioid analgesics.
 - b. Explore the tricyclic antidepressant.
- 7. Attempt any one part of the following: 10 x 1 = 10**
- a. Write treatment of atropine poisoning.
 - b. Give brief about Heavy metal antagonists.