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Paper Id:

150504

Sub Code: RPH 524

Roll No.

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B. PHARM.
(SEM V) THEORY EXAMINATION 2018-19
PHARMACOLOGY-I (PHARMACOLOGY & TOXICOLOGY)

Time: 3 Hours

Total Marks: 70

Note: 1. Attempt all Sections.

SECTION A

- 1. Attempt *all* questions in brief. 2 x 7 = 14**
- a. Define pharmacodynamics.
 - b. What is clinical trial? Name its different phases.
 - c. Classify cholinergic receptors.
 - d. The specific antidote for lead poisoning is.....
 - e. What is bioassay? What are its various types?
 - f. Define local anesthetics with example.
 - g. What is absorption? Name any two methods of drug absorption.

SECTION B

- 2. Attempt any *three* of the following: 7 x 3 = 21**
- a. Write a descriptive note on various routes of drug administration.
 - b. Explain the synthesis, storage, release and degradation of Adrenaline.
 - c. Give the classification of local anesthetics.
 - d. Write a note on symptoms and management of atropine poisoning.
 - e. Classify antipsychotic drugs. Write a note on chlorpromazine.

SECTION C

- 3. Attempt any *one* part of the following: 7 x 1 = 7**
- a. Write a note on ligand gated ion channel receptor.
 - b. Write a note on principles of drug action in detail.
- 4. Attempt any *one* part of the following: 7 x 1 = 7**
- a. Classify α and β blockers. Write a note their uses.
 - b. Write in detail about classification, pharmacological actions and uses of atropine.

5. **Attempt any *one* part of the following:** **7 x 1 = 7**
- a. Write a note on classification, pharmacological actions and uses of skeletal muscle relaxants.
 - b. Write a note on pharmacology of Lidocaine.
6. **Attempt any *one* part of the following:** **7 x 1 = 7**
- a. Classify antiparkinsonism drugs. Write a note on Levodopa.
 - b. Write a note on uses and classification of antianxiety drugs.
7. **Attempt any *one* part of the following:** **7 x 1 = 7**
- a. What is poisoning? Write a note on general treatment of poisoning.
 - b. Write a note on any two in brief:
 - i. Penicillamine
 - ii. Dimercaprol
 - iii. Desferrioxamine