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Sub Code: PHARM 363

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**B PHARM**  
**(SEM VI) THEORY EXAMINATION 2017-18**  
**PHARMACOLOGY-II**

*Time: 3 Hours*

*Total Marks: 100*

**Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.

**SECTION A**

**1. Attempt *all* questions in brief. 2 x 10 = 20**

- a. Define antihypertensive agents.
- b. Classify class I anti-arrhythmic drugs.
- c. What are haematinics?
- d. Define plasma volume expanders.
- e. What are laxatives?
- f. Define antitussives.
- g. Name any two selective COX-2 inhibitors.
- h. Give the two examples of potassium sparing diuretics.
- i. What are autacoids?
- j. Write any two functions of angiotensin.

**SECTION B**

**2. Attempt any *three* of the following: 10 x 3 = 30**

- a. What are cardiac glycosides? Discuss the pharmacological actions, mode of action and uses of digitalis.
- b. Write a detailed note on iron.
- c. Write a descriptive note on synthesis, storage, release, degradation, pharmacological actions and patho-physiological role of histamine.
- d. Give the classification of anti-gout drugs. Explain the pharmacology of allopurinol.
- e. Classify antiulcer drugs. Write a note on pharmacology of omeprazole.

**SECTION C**

**3. Attempt any *one* part of the following: 10 x 1 = 10**

- a. Classify antihyperlipidemics. Write a note on simvastatin.
- b. Give the classification of antianginal drugs. Write a note on mode of action glyceryl trinitrate.

4. **Attempt any *two* parts of the following:** **5 x 2 = 10**
- a. Write a note on vitamin K. Classify coagulants.
  - b. Write a descriptive note on heparin.
  - c. Give the classification of anti-asthmatic drugs.
5. **Attempt any *one* part of the following:** **10 x 1 = 10**
- a. Classify diuretics. Write a note on pharmacology of thiazides.
  - b. Give the classification of NSAIDs. Explain the pharmacology and mode of action of aspirin.
6. **Attempt any *one* part of the following:** **10 x 1 = 10**
- a. Write a note on synthesis of various arachidonic acid metabolites.
  - b. Explain the actions and pathophysiological role of prostaglandins & leukotrienes.
7. **Attempt any *two* parts of the following:** **5 x 2 = 10**
- a. Classify laxatives and purgatives.
  - b. Write a note on metoclopramide.
  - c. Write a note on management of diarrhea.