

**B. PHARM.**  
**(SEM VI) THEORY EXAMINATION 2018-19**  
**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) Angina
  - b) Spinal anaesthesia.
  - c) Cyanocobalamin.
  - d) Heparin
  - e) Plasma expander
  - f) CHF
  - g) Antiemetics
  - h) Bradykinin
  - i) Duodenal ulcer
  - j) Mast cell stabilizer

**SECTION B**

- 2. Attempt any *three* of the following: **10 x 3 = 30****
- a) Classify NSAIDS. Write the mechanism of action and uses of celecoxib.
  - b) What are Anti-emetics? Discuss the MOA of prokinetic drugs and ondansetron.
  - c) What are antacids? Discuss its types and write a note on aluminum hydroxide gel.
  - d) Write a note on various types of ulcers and use of famotidine.

**SECTION C**

- 3. Attempt any *one* part of the following: **10 x 1 = 10****
- a) Classify antihypertensive agents. Discuss the pharmacology of captopril.
  - b) Write a note on histamine. Discuss the mechanism and use of the cyproheptidine and risperidone.
- 4. Attempt any *one* part of the following: **10 x 1 = 10****
- a) Classify diuretics. Write down the pharmacology of carbonic anhydrase inhibitors.
  - b) Explain the pharmacological basis of use of ACE inhibitors in hypertension.
- 5. Attempt any *one* part of the following: **10 x 1 = 10****
- a) Classify anti-asthmatics. Discuss the pharmacology of methylxanthines.
  - b) Write down the mechanism of action and uses of nitrates and statins.
- 6. Attempt any *one* part of the following: **10 x 1 = 10****
- a) Explain the pharmacology of Warfarin.
  - b) Classify antitussive agents and explain their mechanism of antitussive agents.
- 7. Attempt any *one* part of the following: **10 x 1 = 10****
- a) Classify anti-arrhythmic agents. Write the MOA of fibric acid derivatives.
  - b) Write the pharmacology of beclomethasone and salbutamol.