



**PBC-014-003508**

Seat No. \_\_\_\_\_

**M. P. M. (Sem. V) (CBCS) Examination**

**November / December - 2018**

**Pharmacology - II**

**Faculty Code : 014**

**Subject Code : 003508**

Time : 3 Hours]

[Total Marks : 80

- Instructions :** (1) Attempt any three questions from each section.  
(2) Questions 1 and 5 are compulsory  
(3) Tie each section separately.  
(4) Figures to the right indicate full marks for the respective question.

**SECTION - I**

- 1 Describe mechanism of action and use of following drugs: 14  
(Any Seven)
- (1) Losartan
  - (2) Atorvastatin
  - (3) Halothane
  - (4) Valproic acid
  - (5) Levodopa
  - (6) Amitryptiline
  - (7) Memantine
  - (8) Frusemide
  - (9) Diclofenac
  - (10) Warfarin
- 2 (a) Write the pharmacology of Beta blockers. 7  
(b) Explain the mechanism, ADR and use of Digoxin. 6

- 3 (a) Classify Anti-epileptics. Write a pharmacology of Phenytoin. 7  
 (b) Explain the pharmacology of Phenobarbitone in detail. 6
- 4 (a) Classify NSAIDs. Explain in detail about Aspirin. 7  
 (b) Write pathology and various treatment options for Gout. 6

## SECTION - II

- 5 Answer Any **Two** questions from the following : 14  
 (1) Write in detail about various treatments of Angina.  
 (2) Explain Pathophysiology and treatment of Rheumatoid arthritis.  
 (3) Classify diuretics. Explain potassium-sparing diuretics in detail.
- 6 (a) Classify anti-psychotics. Write the pharmacology of Haloperidol. 7  
 (b) Explain in detail about Hematinics. 6
- 7 (a) Classify skeletal muscle relaxants. Discuss D-tubocurarine in detail. 7  
 (b) Classify anti-hypertensives. Explain the pharmacology of Diltiazem. 6
- 8 (a) Classify Opioid analgesics. Write the mechanism, effects and side effects of Morphine. 7  
 (b) Write various theories of Migraine pathophysiology. 6