

[Total No. of Questions - 9] [Total No. of Printed Pages - 2]  
(2064)

14790

**B. Pharmacy 6th Semester Examination**

**Pharmacology-II**

**HBP-308**

**Time : 3 Hours**

**Max. Marks : 80**

*The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.*

**Note :** Attempt five questions. Q.No. 1 is compulsory, attempt one question from each section.

1. (a) Name two B. antagonists.
- (b) Write names of two adrenergic neuron blockers.
- (c) Give names of two oral anticoagulants.
- (d) Write uses of hematinics.
- (e) Give names of opium derivatives used in the treatment of cough.
- (f) Name two mercurial diuretics.
- (g) Write mode of action of salbutamol.
- (h) Describe rate of leukotrienes in human body. (2×8=16)

**SECTION - A**

2. (a) Discuss in detail about calcium channel blockers.
- (b) Write pharmacology of digitalis. (8×2=16)

14790/770

[P.T.O.]

3. Classify antianginal drugs. Write mode of action and side effects of nitrates. (16)

**SECTION - B**

4. Write note on–
- (a) Anti coagulants
  - (b) Vitamin K (8×2=16)
5. (a) Give an account of blood products.
- (b) Explain plasma volume expanders. (8×2=16)

**SECTION - C**

6. Enumerate diuretics. How potassium sparing diuretics show their effects? Write clinical uses of diuretics. (16)
7. Write note on any two:
- (a) 5-HT
  - (b) Prostaglandins
  - (c) Histamine (8×2=16)

**SECTION - D**

8. Describe pathophysiology of asthma. Classify anti-asthmatic drugs. Write pharmacology of corticosteroids. (16)
9. (a) Enlist respiratory stimulants. Give clinical uses of respiratory stimulants.
- (b) Write pharmacology of expectorant. (8×2=16)