

**T.Y.B.PHARM. SEMESTER-V (2011 COURSE) : WINTER -
2017**

SUBJECT: PHARMACOLOGY – II

Day : **Saturday** Time : **10.00 AM TO 01.00 PM**
Date : **18/11/2017** **W-2017-3835** Max. Marks : 80

N.B.:

- 1) **Q.No.1 and Q.No.5** are **COMPULSORY**. Out of the remaining questions attempt **ANY TWO** questions from each section.
 - 2) Answers to both the sections should be written in **SEPARATE** answer books.
 - 3) Figures to the right indicate **FULL** marks.
-

SECTION – I

- Q.1** Answer **ANY FIVE** of the following: [10]
- a) Classify anticoagulants with suitable examples.
 - b) What are thrombolytics? Enlist their therapeutic uses.
 - c) Classify hypolipoproteinemic drugs with suitable examples.
 - d) Explain the mechanism of action of erythropoetin.
 - e) Enlist the types of diuretics and comment on their uses in hypertension.
 - f) What are hematinics? Give suitable examples.
- Q.2** a) Explain the therapeutic approach for treatment of Congestive Heart Failure. [08]
Discuss the pharmacology and therapeutic uses of cardiac glycosides.
- b) Discuss in detail pharmacology, ADR and therapeutic uses of nitrates. [07]
- Q.3** a) Classify antiarrhythmic drugs. Explain in detail pharmacology of class I drugs. [08]
- b) Classify antihypertensive drugs. Describe in detail pharmacology of calcium channel blockers. [07]
- Q.4** Write short notes on **ANY THREE** of the following: [15]
- a) β -blockers
 - b) ACE inhibitors
 - c) Oral anticoagulants
 - d) Carbonic anhydrase inhibitors

SECTION – II

- Q.5** Answer **ANY FIVE** of the following: [10]
- a) Define expectorants and give suitable examples.
 - b) Enlist uses of high ceiling diuretics.
 - c) Describe the mechanism of action of spironolactone.
 - d) Describe mechanism of action of osmotic purgatives.
 - e) Discuss the principles of management of diarrhea.
 - f) What are systemic antacids? Give suitable examples.
- Q.6** a) Classify antiemetics with suitable examples. Explain in detail pharmacology of prokinetic drugs and 5-HT₃ antagonists. [08]
- b) Classify laxatives and purgatives with suitable examples. Discuss pharmacology of bulk purgatives and stimulant purgatives. [07]
- Q.7** a) Discuss the approach for treatment of peptic ulcers. Explain in detail pharmacology of proton pump inhibitors. [08]
- b) Classify antiasthmatic drugs and discuss the pharmacology of mast cell stabilizers. [07]
- Q.8** Write short notes on **ANY THREE** of the following: [15]
- a) Emetics
 - b) Rationale for ORS composition
 - c) Antimotility drugs for treatment of diarrhea
 - d) H₂ antagonists

* * * *