

**BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)**  
**B. Pharm. Sem-V : WINTER : 2021**  
**SUBJECT: PHARMACOLOGY-II**

**Day : Tuesday**  
**Date : 18-01-2022**

**W-20677-2021**

**Time : 10:00 AM-01:00 PM**  
**Max. Marks: 75**

**N.B.**

- 1) All questions are **COMPULSORY**.
- 2) Answer to both sections should be written in **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks.

**SECTION – I**

- Q.1** Answer all Questions: (20)
- a) Enlist the signs and symptoms of congestive heart failure.
  - b) Classify anti-platelet drugs with examples.
  - c) Enlist the adverse effects of statins.
  - d) Classify plasma expanders with examples.
  - e) Discuss the clinical uses of coagulants.
  - f) What are the clinical indications of parenteral iron therapy?
  - g) Describe the role of histamine in human physiology.
  - h) Classify anti-rheumatic drugs with examples.
  - i) What are leukotrienes? Discuss their pathological role.
  - j) What is 5-HT? Name its receptors and their antagonists.
- Q.2** Answer any **TWO** from the following **THREE**: (2x10=20)
- a) Classify diuretics. Explain the mechanism of action, pharmacology, clinical uses, adverse effects and drug interactions of high ceiling diuretics.
  - b) Classify anti-hypertensives. Explain the mechanism of action, pharmacology, clinical uses, adverse effects and drug interactions of angiotensin antagonists.
  - c) Classify anticoagulants. Explain the mechanism of action, pharmacology, clinical uses, adverse effects and drug interactions of heparin.

**SECTION – II**

- Q.3** Answer any **SEVEN** from the following **NINE**: (7x5=35)
- a) Describe pharmacological actions of insulin.
  - b) Write a note on oral contraceptives.
  - c) Elaborate the pharmacological actions of thyroid hormones.
  - d) Explain matching bioassay method with its advantages and limitations.
  - e) Explain the pharmacology of Vitamin D.
  - f) Explain the pharmacology of aldosterone.
  - g) Elaborate on oxytocin.
  - h) Write a note on bioassay of d-tubocurarine.
  - i) Describe the adverse effects of oral hypoglycaemic agents.

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