

BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)

B. Pharm. Sem-V :SUMMER- 2022

SUBJECT : PHARMACOLOGY-II

Day : Friday

Time : 10:00 AM-01:00 PM

Date : 19-08-2022

S-20677-2022

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) Define arrhythmia. Enlist the types of arrhythmia.
- b) Enlist the clinical uses of fibrinolytics.
- c) Classify NSAIDs with examples.
- d) Classify anti-platelet drugs with examples.
- e) What are bile acid sequestrants? Explain their clinical role.
- f) Enlist the biochemical role of folic acid.
- g) Enlist the adverse effects of methotrexate.
- h) What is Substance P? Explain its pathological role.
- i) What is angiotensinogen? Describe its role.
- j) Enlist the clinical uses of vasopressin.

Q.2 Answer any **TWO** from the following **THREE**: (2x10=20)

- a) Classify hypolipidemic drugs. Explain the mechanism of action, pharmacology, clinical uses, adverse effects and drug interactions of fibrates.
- b) Classify antihypertensives. Explain the mechanism of action, pharmacology, clinical uses, adverse effects and drug interactions of ACE inhibitors.
- c) Classify anticoagulants. Compare and contrast the mechanism of action, pharmacology, clinical uses, adverse effects and drug interactions of heparin and warfarin.

SECTION – II

Q.3 Answer any **SEVEN** from the following **NINE**: (7x5=35)

- a) Describe pharmacological actions of metformin.
- b) Explain interpolation bioassay with advantages and limitations.
- c) Elaborate on oxytocin.
- d) Explain pharmacology of calcitonin.
- e) Write about radioactive iodine.
- f) Elaborate the pharmacological actions of ACTH.
- g) Write a note on oral contraceptives.
- h) Write a note on bioassay of digitalis.
- i) Elaborate on insulin preparations.

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