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Total No. of Pages : 02

Total No. of Questions : 10

B.Pharma (Sem.-6)
PHARMACOLOGY-II
Subject Code : BPHM-603
M.Code : 71035
Date of Examination : 05-01-2023

Time : 3 Hrs.

Max. Marks : 80

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **FIFTEEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **FOUR** questions carrying **TEN** marks each and students have to attempt any **THREE** questions.

SECTION-A

1. Answer briefly :

- a) How will you define fibrinolytic?
- b) Write a note on bradykinin and substance P.
- c) What do you understand hematinics?
- d) Give the side effects and uses of digitalise.
- e) What are plasma volume expanders? Support with examples.
- f) List the calcium channel blockers with their side effects.
- g) Define and classify anticoagulants?
- h) Classify anti-anginal drugs.
- i) Write a short note on respiratory stimulants.
- j) Explain the mechanism of action and side effects of quinidine.

- k) Write in detail about the pharmacological action of leukotrienes and their antagonists.
- l) Discuss the pharmacological effect of non-selective COX-2 inhibitors.
- m) Classify anti-tussive agents with examples.
- n) What are the drugs used in anaphylactic shock?
- o) Enlist different types of histamine receptors with their location and function.

SECTION-B

- 2. What do you understand by bronchodilators? Discuss in detail the classification, mechanism of action and adverse effects
- 3. What are diuretics? Classify them and describe the mode of action of furosemide.
- 4. Give the pharmacological actions and side effects of beta-adrenergic blockers.
- 5. Classify anti-asthmatic drugs. Discuss the pharmacology of phosphodiesterase inhibitors.
- 6. Enlist the drugs used in the therapy of shock.

SECTION-C

- 7. What is arrhythmia? Categorize it and describe the pharmacology of anti-arrhythmic drugs.
- 8. What is hypertension? Classify and give the pharmacological details of anti-hypertensive drugs.
- 9. Discuss the antihyperlipidemic drugs with the mechanism of action of each class.
- 10. Write in detail about serotonin (5-HT), its receptors, location, and function.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.