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Total No. of Pages : 02

Total No. of Questions : 11

**B.Sc. (Cardiac Care Technology) (Sem.-3)**

**GENERAL PHARMACOLOGY**

**Subject Code : BCCT-303-21**

**M.Code : 92689**

**Date of Examination : 16-12-22**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A** is **COMPULSORY** consisting of **EIGHT** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FOUR** marks each and students have to attempt any **SIX** questions.
3. **SECTION-C** will comprise of two compulsory questions with internal choice in both these questions. Each question carries **TEN** marks.

**SECTION-A**

**1. Answer the following:**

- a) Define Pharmacodynamics.
- b) Give examples of any two ganglionic stimulants and blockers.
- c) What are autocoids? Give examples.
- d) Give the mechanism of action of beta lactam antibiotics.
- e) Define immunomodulators.
- f) Name the drugs used for bronchial asthma.
- g) Write down the adverse effects of tetracycline.
- h) Classify diuretics.

**SECTION-B**

2. Write the basic principle of drug action.
3. Discuss the pharmacology of skeletal muscle relaxants.

4. Write down the drug therapy of bronchial asthma.
5. Give the mechanism of general anesthetics and discuss the stages of general anesthesia.
6. Classify anti-histaminics. Write down the pharmacological actions of histamine.
7. Discuss the chemotherapy of cancer.
8. Explain in brief about the pharmacotherapy of pain.
9. Write down the drug therapy of diabetes.

### **SECTION-C**

10. Classify anti-hypertensive drugs. Discuss their mechanism and drug therapy in detail.

**OR**

Discuss the Treatment of Poisoning.

11. Write about Drug therapy of Parkinson's disease.

**OR**

Discuss the Mechanism of action of fluoroquinolones.

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