

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (OTT) (Sem.-3)
CLINICAL PHARMACOLOGY

Subject Code : BSOT309-19

M.Code : 93346

Date of Examination : 23-01-2023

Time : 3 Hrs.

Max. Marks : 50

INSTRUCTIONS TO CANDIDATES :

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

SECTION-A

1. Write briefly :

- a) Define Pharmacokinetics.
- b) Write down the stages of anesthesia.
- c) Give the example and uses of antisialagogues.
- d) Name any two 5HT₃ blockers.
- e) Mode of administration and dosage of steroids.
- f) Write down the mechanism of action of atracurium.
- g) Write down the adverse effects of Inotropes.
- h) What do you mean by broncholytic agents?
- i) Give the examples and uses of inducing agents.
- j) Write down the mechanism of action of famotidine.

SECTION-B

2. Explain the pharmacokinetics of adrenergic drugs.
3. Classify β -blockers. Give their mechanism of action and specify their uses in hypertension.
4. Give the mode of administration, dosage and effects of hydrocortisone.
5. Write about classification and mechanism of bronchodilators. Add note on theophylline.
6. Discuss in brief about the pharmacology of Morphine.

SECTION-C

7. Discuss the mode of administration, dilution, dosage, effects, uses and side effects of Adrenaline.
8. Explain the mechanism of action of local anesthetics. Discuss the preparation and therapeutic uses of Xylocaine and Bupivacaine.
9. Classify sedatives and hypnotics. Explain the mechanism of action, uses and side effects of Diazepam.

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.