

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc (Operation Theatre Technology) (Sem.-3)

CLINICAL PHARMACOLOGY

Subject Code : BSOT309-19

M.Code : 90347

Date of Examination : 02-01-23

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) Write the composition of mucaine gel.
- b) Define pharmacokinetics.
- c) Give examples of reversal agents.
- d) Define sedatives and give examples.
- e) What are the ADRs of H₂ blockers?
- f) Differentiate between depolarizing and non-depolarizing agents.
- g) What is the use of Pheregan in operative care?
- h) Give examples of liquid general anaesthetics.
- i) What is the effect of adrenaline?
- j) Write the mode of administration of NSAIDS.

SECTION-B

2. Describe the MOA and uses of atropine.
3. Write briefly about pharmacokinetics of anaesthetics.
4. Write a short note on diuretics.
5. Write a note on pre-operative drugs which are commonly used in OT.
6. Discuss the significance of using inducing agents.

SECTION-C

7. Explain the mode of administration, dosage and effects of Insulin in detail.
8. Discuss the complete pharmacology of Isoflurane.
9. Explain the MOA, side effects, contraindications and uses of Ondansetron.

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.