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Total No. of Pages : 02

Total No. of Questions : 11

B.Sc (Medical Technology - Anaesthesia & Operation Theatre) (Sem.-3)

GENERAL PHARMACOLOGY

Subject Code : BAOTT302-21

M.Code : 92648

Date of Examination : 14-12-22

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. Write about :

- a) Name two class-I anti-arrhythmic drugs.
- b) How aspirin is useful as anti-platelet agent?
- c) What is the clinical use of disulfiram?
- d) Give two ideal properties of general anesthetics.
- e) What are the advantages of sublingual route of administration?
- f) What are the uses of naloxone?
- g) Name two corticosteroids used as aerosols.
- h) Define CNS stimulants with suitable example.

SECTION-B

2. Describe various factors modifying drug action.

3. Discuss general management of a poisoned patient.
4. Classify neuromuscular agents. Explain their side effects and therapeutic uses.
5. Explain the use of beta blockers in hypertension.
6. Add a brief note on drug therapy of shock.
7. Write a note on centrally acting muscle relaxants.
8. Discuss the structure of kidney.
9. Discuss mechanism of action of digitalis in congestive heart failure.

SECTION-C

10. Classify various routes of drug administration and discuss critically about parenteral routes.

OR

Write a note on Opioid analgesics.

11. Write an exhaustive note on pharmacology of anti-diuretic drugs.

OR

Write down mode of action, side effects and therapeutic uses of the following:

- a) Morphine
- b) Atenolol.

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.