

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

M.Sc (Medical Technology - Anaesthesia & Operation Theatre) (Sem.-1)

PRINCIPLES OF ANESTHESIA TECHNOLOGY

Subject Code : MAOTT 101-21

M.Code : 91355

Date of Examination : 10-01-2023

Time : 3 Hrs.

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A** is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **EIGHT** questions carrying **FIVE** 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. Give a brief idea about followings:**

- a) Pre anesthetic medications
- b) Color coding of medical gas
- c) LMA
- d) Oral endotracheal tubes
- e) Hazards of oxygen therapy
- f) Ambu valves
- g) Capnography
- h) Pressure indicators
- i) Blood loss monitoring
- j) Commonly used I.V. fluids

SECTION-B

2. Write a note on multiparameter monitors.
3. Give a brief idea about bulk gas cylinders.
4. Describe mapleson breathing system.
5. Write a note on nasal intubation.
6. Discuss briefly about face masks.
7. Describe the procedure of storage of medical gas cylinders.
8. Write the classification of anesthesia.
9. Discuss briefly about preparation of patient in pre-operative ward.

SECTION-C

10. Explain the care and monitoring of patient in post-operative ward.

OR

Define Hypoxemia. Describe various causes and clinical signs of hypoxemia.

11. Describe the process of Spinal anesthesia in detail.

OR

Discuss various methods of cleaning and sterilization of anesthetic equipments.

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.