

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

**B.Sc. (Medical Technology-Anesthesia & Operation Theatre)
(Sem.-1)**

BASIC ANESTHESIA TECHNOLOGY

Subject Code : BAOTT-102-21

M.Code : 91345

Date of Examination : 19-01-2023

—

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 briefly:

- What are the various parameters of patient to be monitored in the operation theatre during anesthetic procedure?
- Give a note on intra-operative care.
- What is T-piece?
- How the liquid oxygen is stored?
- What are the various indications for the use of long-term airways?
- What is the use of Laryngoscope?
- What are catheters and give its applications?
- Write the usage of oximeters.

SECTION-B

2. Write a short note on AMBU bags.
3. Describe briefly about the methods for increasing oxygen delivery capabilities while using oxygen with resuscitator bags.
4. Give a brief idea about various anesthesia instruments used for surgical procedures.
5. Discuss briefly about local anesthesia techniques.
6. Describe in detail about ECG pads.
7. What are the various types of resuscitator bags?
8. Explain the various types and applications of face masks?
9. Write a note on BLS.

SECTION-C

10. Discuss the process of pre-operative and post-operative care during anesthetic procedure in detail.

OR

Explain in detail about Tracheostomy tubes along with its types, method of insertion and its complications.

11. Explain in detail about CPR and its recent advancements.

OR

Describe various techniques and agents of spinal anesthesia in detail.

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.