

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 11**

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

## SURGICAL EQUIPMENTS & TECHNOLOGY

**Subject Code : MAOTT 102-21**

**M.Code : 91356**

**Date of Examination : 12-01-23**

**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. Answer Briefly :**

- a) What is sterilization?
- b) What are methods for fumigation of O.T.?
- c) What is the use of Diathermy machine?
- d) What are various types of O.T. lights?
- e) What is the use of laparoscopic instruments?
- f) Give examples of suture materials.
- g) What are various types of drains?
- h) What is the significance of catheters?
- i) What are drapes and draping?
- j) Give names of gynaecology procedure instruments.

## **SECTION-B**

2. What are various methods of sterilization?
3. Discuss the roles and responsibilities of an OT technician.
4. Write a note on transportation of surgical patient.
5. Describe the process of preparation of surgical instruments trolley.
6. Discuss various artery forceps and their functions.
7. Write a note on orthopedic surgical instruments.
8. Explain the dressing procedure for a wound.
9. Write a note on surgical hand scrubbing, gowning and gloving.

## **SECTION-C**

10. Write a detailed note biomedical waste management and personal protective equipments.

**OR**

Elaborate the process of preparation of operation theatre to receive patients.

11. Discuss the surgical positioning and its types in detail.

**OR**

Write short notes on :

- (a) Operating room staff
- (b) Minor surgical procedure instruments

**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.**