

Roll No.

Total No. of Pages : 02

Total No. of Questions : 11

B.Sc. (Medical Technology–Anaesthesia & Operation Theatre) (Sem.-2)

SURGICAL EQUIPMENTS AND TECHNOLOGY

Subject Code : BAOTT-202-21

M.Code : 91746

Date of Examination : 15-12-22

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.
 - a) What is physical sterilization?
 - b) What is the use of rampley's forceps?
 - c) What is the use of Morris retractor?
 - d) What is electric cautery?
 - e) What is the use of self-retaining retractors?
 - f) What are various types of suture materials?
 - g) What are the uses of suction apparatus in surgery?
 - h) What is the use of adhesive tapes?

SECTION-B

2. What are various chemical methods of sterilization?
3. Discuss general surgical principles.

4. Give the uses of Cheatles forceps, Mayo's towel clip and pneumatic tourniquet.
5. Describe various types of incisions in surgery.
6. Discuss the uses of Kocher's forceps and tissue forceps.
7. Write a note on various types of scissors.
8. Discuss role and types of surgical needles.
9. How the I/V fluid is administered to the patients in surgery?

SECTION-C

10. Write a detailed note various types of surgical instruments used for surgery.

OR

Write a detailed note on modern wound closing techniques.

11. Discuss various dressing procedures and types of bandages in surgery..

OR

Write short notes on :

- a) Principles and process of autoclaving
- b) Types of positioning of patients.

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.