

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc(Operation Theatre Technology) (Sem.-3)**

## STERILIZATION, DISINFECTION AND CSSD PROCEDURES

**Subject Code : BSOT303-19**

**M.Code : 90341**

**Date of Examination : 16-12-22**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS TO CANDIDATES :**

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

## SECTION-A

**1. Write briefly :**

- a) Discuss the steps of surgical hand scrub.
- b) Explain the system used for killing microorganism in operation theatre.
- c) Gas sterilization methods.
- d) Name some ionizing radiation used for sterilization.
- e) Define Cleaning.
- f) How will you check the sterility of instruments?
- g) What are chemical indicators used in CSSD?
- h) What all should be checked once the sterilization process of a batch is over?
- i) Robotic instruments
- j) Ventilators.

## **SECTION-B**

2. Discuss the recent advances in sterilization.
3. Write a brief note on Hand scrubbing and Disinfection.
4. Describe the hazards associated to disinfection.
5. Write a brief note on gaseous sterilization.
6. How will you sterilize Endoscopes? Describe it.

## **SECTION-C**

7. Describe the general principles of sterilization. Write an elaborate note on moist and dry heat sterilization.
8. Classify wrapping materials used in CSSD. Describe the methods of wrapping and packaging in CSSD.
9. Discuss the sterilization by Alteration and radiation.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**