

Roll No.

Total No. of Pages : 02

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B.Sc. (Operation Theatre Technology) (Sem.-3)
EQUIPMENT IN OTS-CARE & MAINTENANCE

Subject Code : BSOT301-19

M.Code : 93341

Date of Examination : 11-01-23

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) Alarms and Safety devices.
- b) Rubin valve.
- c) Extension cord.
- d) Veress needle.
- e) Laproscopic needle holder.
- f) Epidural needles.
- g) Face mask.
- h) Telescope
- i) Dissection hook
- j) Laryngeal sprays.

SECTION-B

2. Write a short note on cylinder color coding system.
3. Discuss the robotic working instruments.
4. Write about cleaning and sterilization of endotracheal tubes.
5. Explain the principle and working of boyle's anaesthesia apparatus.
6. What is yoke system? Explain.

SECTION-C

7.
 - a) Explain the various types of connectors, size and material used in resuscitation equipments.
 - b) Classify the valves used in different circuits. Explain the structure and working of heidbrink's valve.
8. **Write a short note on following :**
 - a) Video monitor
 - b) Camera unit
9.
 - a) Briefly explain the different types of intravenous needles and cannulas.
 - b) Discuss about flow meter assembly, maintenance and safety checks.

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.