

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

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

PRINCIPLES OF ANAESTHESIA

Subject Code : BSOT302-19

M.Code : 93342

Date of Examination : 13-01-23

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) Intravenous Anaesthetic Agents with example.
- b) Hazards of Blood Transfusion.
- c) Parts of Laryngoscope.
- d) Oxygen dissociation curve.
- e) Various sizes of face mask.
- f) Reservoir Bag.
- g) Name two different types of endotracheal tube.
- h) Capnography.
- i) Regional anesthesia.
- j) Acid-base balance.

SECTION-B

2. Define CPR. Write a note on the drugs used in CPR.
3. What are the physiological effects of Sub arachnoid block? Discuss in detail about complication of spinal anesthesia.
4. How will you receive a patient from ward to the preoperative room? Mention the importance of each point.
5. Write a note on neuromuscular blocking agents. Give their mechanism.
6. **Write notes on:**
 - i) Ambo valves.
 - ii) Defibrillators.

SECTION-C

7. Discuss in detail about circle absorption system, its components and function.
8. **Discuss the following:**
 - i) Methods of humidification.
 - ii) Laryngeal Mask Airway.
9. Describe in detail about Safety systems in Anaesthesia machine and Medical gas supply.

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.