

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**B.Sc. (OPERATION THEATRE TECHNOLOGY) DEGREE
EXAMINATION – August 2019
Third Year**

OPERATION THEATRE TECHNOLOGY - ADVANCED

Time: Three hours

Maximum: 75 marks

I. Write an Essay on any ONE of the following: (1 x 20 = 20)

1. Define shock. List the different types of shocks and its stages. Add a note on management of shock.
2. What is the role of operation theater technician in preoperative and post-operative care for open heart surgery?

II. Write short notes on any TWO of the following: (2 x 10 = 20)

3. What do you know about Glasgow Scale for coma? What is its important?
4. Explain Left lateral position in theater, in which surgery surgeons are asking this position.
5. Which condition is more difficult to manage hypothermia or hyperthermia. Explain why it is danger and how do you assist to manage it.
6. Draw endotracheal tube and label it. How to assist during intubation.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Monitoring in the operation theater.
8. How to do sterilization in OT laminar air flow.
9. Mention the various methods of chemical treatment in theater.
10. Differentiate functions of syringe pump and infusion pump.
11. Write different type of general anaesthesia techniques.
12. List latest instrument do you know which is used during abdominal surgery.
13. Mention the suture materials require for hand and neck surgery.
14. List five steps in hand washing technic before surgery.
15. Ethylene oxide gas sterilization.
16. Duties of OT technician.