

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

**B.Sc. (OPERATION THEATRE TECHNOLOGY) DEGREE  
EXAMINATION – August 2018  
Third Year**

**OPERATION THEATER TECHNOLOGY - APPLIED**

Time: Three hours

Maximum: 75 marks

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

1. How to procure the blood from blood bank? What are the steps and precautions to be taken before blood transfusion? Add a note on drugs needed for prevention of allergic reaction during blood transfusion.
2. Discuss CSSD guidelines and standard operating procedures.

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

3. Discuss in details about types of anesthesia.
4. How to manage difficult intubation?
5. How do you assist anesthetist during general anesthesia?
6. Write guidelines of advanced cardiac life support (ACLS).

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

7. Preparing emergency endoscopy
8. What is haemorrhage? How it is managed in OT?
9. Types and complication of Local anesthesia.
10. How to maintain life line?
11. How to collect the blood for ABG analysis?
12. Write the principle behind in the anesthetic machine.
13. What is epidural anesthesia?
14. What is short anesthesia?
15. What is role of OT technician during nuclear medicine studies?
16. What is medical asepsis?