

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

**B.Sc. (OPERATION THEATRE TECHNOLOGY) DEGREE
EXAMINATION – February 2020
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 duties of OT technician – Ethics, behavior during thoracic surgery.
2. Discuss disinfectants and sterilization of instruments.

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

3. Define methods of cleaning agent's detergents, mechanical washing, and ultrasonic cleaner.
4. Explain trouble shooting of colored spots and corrosion, staining, dust deposit in theater.
5. What do you know about blood transfusion? How can you identify symptoms and sign of complication?
6. Care of micro surgical and titanium instruments before and after use

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

7. Positioning of patient.
8. General care and testing of instruments in theater.
9. Stages of fumigation in theater.
10. Importance of left lateral position during spinal anaesthesia.
11. Describe the use of C – arms machinery.
12. How do you manage over weight patient for surgical preparation?
13. Briefly write about chemical disinfectants used in the operation theater.
14. Role of OT technician in gynecological and obstetric surgery.
15. Types of grafting and list the instrument required for it.
16. What do you know about organ procurement and transplantation?