

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

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

OPERATION THEATER TECHNOLOGY - CLINICAL

Time: Three hours

Maximum: 75 marks

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

1. Describe the plan and execution of developing a well-equipped operation theater according to new regulation in a super specialty hospital.
2. Classify sterilization methods which is in current practice. Discuss thermal, chemical and radiation sterilization in your hospital.

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

3. Describe the Work of breathing.
4. What is liver transplantation? How to you prepare the patient and theater for transplantation?
5. Role of theater assistant in Operation Theater regarding psychological support to patient before shifting to the operation theater.
6. Discuss in detail regarding splenectomy.

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

7. Hand washing principles.
8. Ozone gas sterilization.
9. Mention the prevention of hospital acquired infection.
10. Write the instruments require for the minor procedure.
11. Write preventive measures to avoid nosocomial infection.
12. Aldehyde Disinfectants.
13. What is bronchoscopy?
14. MRI and its uses.
15. How will you check the sterility of instruments?
16. Biomedical waste color coding.