

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

**B.Sc. (OPERATION THEATRE TECHNOLOGY) DEGREE  
EXAMINATION – August 2018  
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. How to plan and construct physical facility for new operation theater?
2. What is sterilization? Explain thermal, chemical and radiation sterilization.

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

3. What is a powered surgical instrument? When does it used in theater?
4. Mention the conditions for splenectomy and how to prepare the patient for surgery?
5. Write about psychological support of surgical patient.
6. Discuss in detail regarding liver procedures.

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

7. What is decontamination?
8. What is electro caretery?
9. Mention conditions by which ultra sonography used in Operation Theater.
10. List instruments required for the minor operation theater.
11. Positioning, prepping and draping the patient for abdominal surgery.
12. List the conditions of X ray guided surgery.
13. What is cystoscopy?
14. What is Tuohy Needle? Explain the condition for which it is used.
15. What is Droplet infection?
16. Write importance of nitrous gas in general anesthesia.