

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

**B.Sc. (OPERATION THEATRE TECHNOLOGY) DEGREE  
EXAMINATION – September 2021  
Second Year**

**INTRODUCTION TO OPERATION THEATRE TECHNOLOGY**

Time: Three hours

Maximum: 75 marks

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

1. Elaborate on the physical methods of sterilization and write in detail about Hot Air Oven.
2. What are the methods of cleaning instruments? Describe how will you clean tubing's and catheters?

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

3. Classify hospital waste. Discuss the components of waste management with special mention about the colour coded bins.
4. Describe in detail about types and prevention of Nosocomial infections.
5. Discuss in detail about Universal safety precautions.
6. What is Antisepsis?  $H_2O_2$  gas plasma vapo sterilization.

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

7. Sterilization by sunlight.
8. Local anesthesia.
9. Blood transfusion.
10. SOP for operation theatre.
11. What is the behavior to be followed by operation theatre nurses in post operative care.
12. Explain the importance of positioning of patients.
13. List the instrument require for general anaesthesia.
14. How to prepare the theatre for open heart surgery.
15. Chemical cleaning for sharp instruments.
16. What are all the emergency medicine should be kept in theatre?