

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

**DIPLOMA IN OPERATION THEATRE TECHNOLOGY AND
ANAESTHESIA TECHNOLOGY EXAMINATION**

August 2019

Second Year

STERILISATION PROCEDURE

Time: Three hours

Maximum: 75 marks

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

1. What are the different methods of sterilization? Write in detail about the Autoclaving.
2. How will you test the adequacy of sterilization?. Detailed notes on ETO sterilization.

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

3. What is bacteriocide & bacteriostat?
4. Cleaning and disinfection of OT.
5. Notes on Plasma sterilization.
6. Write detailed Notes on ozone sterilization.

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

7. Gamma rays sterilization.
8. What is Pasteurization? Write short notes.
9. Write notes on problems with steam sterilization.
10. How will you manage hazardous waste?
11. Define the following – sterility assurance level.
12. Factors affecting chemical disinfection.
13. What is permissible exposure limit?
14. What are the recommendations to reduce EO exposure.
15. Universal precautions.
16. Principles of sterilization.
