

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

**DIPLOMA IN CSSD TECHNOLOGY EXAMINATION
August 2018
First Year**

STERILIZATION AND DISINFECTION

Time: Three hours

Maximum: 75 marks

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

1. Write in detail about Decontamination process.
2. What are the different methods of sterilization & discuss about steam Sterilization.

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

3. Radiation sterilization
4. Advantages & disadvantages of Gas sterilization
5. Name different type of indicators & explain each in brief.
6. Advantages & disadvantages of Autoclaving.

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

7. What is permissible exposure limit?
8. Ozone sterilizer & its uses.
9. What are the recommendations to reduce EO exposure?
10. Factors affecting chemical disinfection.
11. Define the following – sterility assurance level.
12. S/N UV sterilization.
13. How will you test adequacy of sterilization?
14. What is pasteurization? Explain in detail.
15. What are blood borne pathogens?
16. What are spores & Sporicide?

