

**DIPLOMA IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY
SECOND YEAR**

PAPER II – STERILIZATION PROCEDURES

Q.P. Code: 841112

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Elaborate types, agents, advantages and disadvantages of chemical sterilisation methods.
2. What is CSSD? Describe briefly the basic components of CSSD and its function?
3. What is heat sterilisation and describe the methods of heat sterilisation?

II. Write notes on:

(10 x 5 = 50)

1. Pasteurization.
2. UV rays in sterilization.
3. Gluteraldehyde.
4. Universal precautions.
5. Bacterial filters.
6. Basic structure of horizontal autoclave machine.
7. What is Flash autoclave?
8. Safe disposal of blood and blood products.
9. Sterilization procedures for respiratory circuits and reservoir bags.
10. Microbiological monitoring of operation theatre.

III. Short answers on:

(10 x 2 = 20)

1. Define disinfectants.
2. What is Antiseptic?
3. What is Signaloc?
4. Ethyl alcohol use.
5. Heat sterilisation.
6. Hot air oven.
7. Iodine.
8. Phenol.
9. Name two pathological virus.
10. Gluteraldeyde.