

**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. Write an essay on chemical disinfectants.
2. Write in detail about the location, functions and management of CSSD.
3. Define and classify the various methods of sterilization and explain various gaseous methods used for sterilization.

II. Write notes on:

(10 x 5 = 50)

1. Name all personal protective gears and specify their uses.
2. Hydroclaving.
3. Explain the fumigation protocol in operation theatre.
4. Describe ultrasonic cleaner and its uses.
5. Describe the techniques available for treatment of infectious waste.
6. What are the characteristic features of ideal disinfectant?
7. How do you sterilize the anaesthesia equipments after surgery for a HIV positive patient?
8. Spaulding's classification of medical devices.
9. Hospital acquired infections.
10. Autoclave.

III. Short answers on:

(10 x 2 = 20)

1. What is the use of Bowie dick strips in sterilization?
2. How do you sterilize cystoscopes?
3. Flash sterilization.
4. What is Post exposure Chemoprophylaxis?
5. What is an incinerator? What are its uses?
6. Define the following terms: bacteriostatic agents and bactericidal agents
7. What are the articles sterilized by boiling water.
8. Tyndallisation.
9. What are the health hazards associated with improper waste management?
10. What are the sterilization control used for determining the efficiency of moist heat sterilization?
