

**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. Describe in details about the methods for disinfection of the operation theatre.
2. Define sterilization. Write in detail about physical methods of sterilization.
3. What are the factors affecting the efficacy of sterilization. Write in detail about the procedure for sterilization of endoscopic instruments.

II. Write notes on:

(10 x 5 = 50)

1. Functions of CSSD.
2. Fumigation in OT.
3. Universal precautions.
4. Levels of disinfection.
5. What are the indicators of sterilization?
6. Biomedical waste management.
7. ETO sterilization.
8. Personal protective equipments.
9. Process of cleaning materials.
10. Flash sterilization.

III. Short answers on:

(10 x 2 = 20)

1. Sterilization indicators.
2. Hand hygiene.
3. Cold sterilization.
4. Advantages and disadvantages of formaldehyde.
5. What is bacteriostatic and bacteriocidal agents?
6. What is plasma sterilization?
7. Intermediate level of disinfection.
8. Chemical agents of disinfection.
9. Post exposure chemoprophylaxis.
10. Peracetic acid.