

**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. Define sterilization. Write an elaborate note on moist and dry heat sterilization.
2. Describe in details about the methods used to disinfect the operation theatre.
3. Write in detail about Universal Safety Precautions.

**II. Write notes on:**

**(10 x 5 = 50)**

1. Disinfection of equipment used in operation room.
2. List any three chemical agents used for sterilization with their respective concentration and the action of each agent.
3. Explain the packing of materials for and procedures of autoclaving.
4. What are the common areas most often we miss when we do hand washing?
5. What are disposal materials discarded in yellow and red bin?
6. What are the Biological and Chemical Indicators of Sterilization?
7. Common Antiseptic agents used in Patient preparation.
8. List out Personal Protective Equipments.
9. What are the Modes of Transmission of Infection?
10. Hospital acquired infections.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Name any three antiseptic agents which are commonly used in OT.
2. What is the difference between vegetative bacteria and spores?
3. What is plasma sterilizer?
4. How will you check a Load before Autoclaving?
5. Steps of Hand hygiene.
6. Stages of Decontamination.
7. What is meant by high level disinfection?
8. How do you prevent needle stick injuries?
9. Uses of phenol as disinfectant.
10. What is Cold sterilization?

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