

**B.Sc. OPERATION THEATRE AND ANAESTHESIA TECHNOLOGY
THIRD YEAR
PAPER I – STERILIZATION PROCEDURES**

Q.P. Code: 801121

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Discuss the criteria for defining surgical site infection (SSI). Enumerate the patient related risk factors for developing surgical site infection.
2. Discuss about Hospital acquired infections and their Prevention.
3. Classify sterilization methods and explain about the indicators to verify sterilization process.

II. Write notes on:

(8 x 5 = 40)

1. Fumigation of Theatres.
2. Explain the working of Autoclave.
3. Post exposure prophylaxis.
4. Packing methods used in CSSD.
5. How will you sterilize endoscopes? Describe it.
6. Hand washing principles.
7. Disinfection of HBV, HIV contaminated devices.
8. Personal protective equipment.

III. Short answers on:

(10 x 3 = 30)

1. Pasteurization.
2. Responsibilities of health worker in biomedical waste management.
3. Aldehyde disinfectants.
4. How to sterilize sharp instruments?
5. How will you disinfect gloves?
6. Principles of hot air oven.
7. What is Antisepsis?
8. Usefulness of Sunlight in sterilization.
9. Drawbacks of Ethylene oxide sterilization.
10. What is incinerator and its uses?
