

**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. Describe the methods of wrapping and packaging in CSSD.
2. Elaborate on the physical methods of sterilization and write in detail about autoclave.
3. Describe the types, color codes and methods of safe management of biomedical waste.

II. Write notes on:

(8 x 5 = 40)

1. Sterilization by Ethylene oxide.
2. Fumigation of Theatres.
3. Post exposure prophylaxis.
4. Filtration.
5. Aldehyde Disinfectants.
6. Principle of Hot air oven with diagram.
7. Hand washing principles.
8. Prevention of hospital acquired infection.

III. Short answers on:

(10 x 3 = 30)

1. How will you check the sterility of instruments?
2. H₂O₂ gas plasma vapo sterilization.
3. How will you sterilize heat labile instruments?
4. What is Antisepsis?
5. Mention any 3 Universal safety precautions.
6. Sterilization by sunlight.
7. Ozone gas sterilization
8. Disposal of waste sharps.
9. Gas sterilization methods.
10. Any 3 preventive measures to avoid nosocomial infections
