

[LH 0815]

AUGUST 2015

Sub. Code: 1121

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. Define Sterilization, classify it. Describe dry heat sterilization in detail.
2. Classify wrapping materials used in CSSD. Describe the methods of wrapping and packaging in CSSD.
3. What are the methods of cleaning instruments? Describe how will you clean tubing's and catheters?

II. Write notes on:

(8 x 5 = 40)

1. Ethylene oxide as a method of sterilization.
2. Fumigation of Theatres.
3. Biomedical waste Management.
4. How will you sterilize Endoscopes? Describe it?
5. Plasma sterilization.
6. Flash sterilization.
7. Describe the working of an Autoclave.
8. Classify Disinfectants.

III. Short Answers on:

(10 x 3 = 30)

1. How will you check the sterility of instruments?
2. Universal barrier precautions to be observed in Theatres.
3. How will you sterilize heat labile instruments?
4. What are chemical indicators used in CSSD?
5. How will you sterilize sharp instruments?
6. How will you sterilize gowns used in theatres?
7. What is the biological indicator used in Plasma sterilization?
8. What is the use of Bowie dick strips in Sterilization?
9. What is the biological indicator used in Autoclave?
10. What all should be checked once the sterilization process of a batch is over?
