

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LR 1220]

**DECEMBER 2020
(AUGUST 2020 EXAM SESSION)**

Sub. Code: 1121

**BACHELOR IN OPERATION THEATRE & ANAESTHESIA TECHNOLOGY
THIRD YEAR – (Regulations from 2010-2011, 2014-2015 & 2015-2016)
PAPER I – STERILIZATION PROCEDURES
*Q.P. Code: 801121***

Time: Three Hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Classify Hospital Waste. Discuss the Components of Waste management with special mention about the Colour Coded Bins.
2. Classify Wrapping materials used in CSSD. Describe the methods of Wrapping and Packaging in CSSD.
3. What precautions will you take if the Patient is a HIV Infected Patient? Prevention of Hospital Acquired Infection.

II. Write notes on:

(8 x 5 = 40)

1. Spaulding classification of Medical Devices.
2. Mention signs and symptoms of severe Haemorrhage.
3. Fumigation of Theatres.
4. General principles of Disinfection.
5. Sterilization of Catheters and Tubes.
6. Personal Protective Equipment (PPE).
7. Describe the working of an Autoclave.
8. How will you clean contaminated Medical device at point of use?

III. Short answers on:

(10 x 3 = 30)

1. What are the drawbacks of Ethylene Oxide Sterilization?
2. What is the use of Bowie Dick Strips in Sterilization?
3. Fumigation of Theatres.
4. Principle of Hot Air Oven.
5. Use of Detergents in Cleaning process.
6. Flaming and Incineration.
7. Define Pasteurization.
8. Disposal of Waste Sharps.
9. Explain the instrument for Abscess Drainage.
10. Droplet Infection.
