

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

[AHS 0423]

APRIL 2023

Sub. Code: 1421

**B.Sc. CARDIOPULMONARY PERFUSION CARE TECHNOLOGY
THIRD YEAR (Regulations 2010-2011, 2014-2015 & 2018-2019 onwards)**

PAPER I – INTRODUCTION TO SURGERY & CSSD

Q.P. Code: 801421

Time: Three Hours

Answer ALL questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. What are the different types of Sterilization practiced at CSSD? How are endoscopies sterilized?
2. Define Nosocomial infection. What are the systems commonly affected and describe the signs, symptoms and management of each disorder?
3. What are different types of wounds and its causes? Describe the process of wound healing and factors affecting the same.

II. Write notes on:

(8 x 5 = 40)

1. Describe safe disposal of sharp instruments.
2. Describe the procedure of CPR.
3. Triple Lumen catheter and its uses.
4. Importance of surgical team work.
5. Causes of inflammation.
6. Mention the reasons of intra operative stress.
7. Method of wrapping instruments for sterilization.
8. Sterile techniques in operating room.

III. Short answers on:

(10 x 3 = 30)

1. How are linen sterilized?
2. CVP and its importance.
3. Moist heat sterilization.
4. Endotracheal intubation.
5. Define Fumigation.
6. Chemical mediators of inflammation.
7. Off pump CABG.
8. Louis Pasteur contributions to surgery.
9. Causes of Intra operative oliguria.
10. Venous – cut down.
