

[LJ 0816]

AUGUST 2016

Sub. Code: 1421

B.Sc. CARDIO PULMONARY PERFUSION CARE TECHNOLOGY

THIRD YEAR

PAPER I – INTRODUCTION TO SURGERY AND CSSD

Q.P. Code: 801421

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. What are the different types of sterilization practiced at CSSD? How are plastic objects Sterilized?
2. Describe the preparation for major surgery and mention the types of surgical incision and its Complications.
3. What are the principles of post operative care after CABG?

II. Write notes on:

(8 x 5 = 40)

1. Types of Hemorrhage and its types.
2. Factors influencing wound healing.
3. Louis Pasteur's contributions to surgery.
4. Advanced cardiac life support.
5. Heart – lung machine.
6. Tests for efficiency of sterilization.
7. Causes of intra-operative oliguria.
8. Mention the types of packs prepared for sterilization.

III. Short answers on:

(10 x 3 = 30)

1. Mention 3 inflammatory disease.
2. Left atrial pressure monitoring.
3. Off-pump coronary bypass heart.
4. Sterilization of glass syringes.
5. What is fumigation?
6. Venous cut-down.
7. Indication of tourniquet.
8. Chemical mediators of inflammation.
9. Management of anaphylactic shock.
10. Antibiotic sensitivity test.
