

[LK 0217]

FEBRUARY 2017

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. Define Nosocomial infection. What are the systems commonly affected and describe the signs, Symptoms and management of each disorder?
2. a) What are types of wound and its causes?  
b) Describe the process of wound healing and factors affecting the same?
3. Write pre operative and post operative check lists of major surgical patients. Mention their Importance briefly.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Inflammation – causes and cardinal signs.
2. Anticoagulation for bypass surgery.
3. Tracheostomy care.
4. High risk baby care.
5. Tests for efficiency of sterilization.
6. Incision for closed mitral valvotomy with steps of surgery.
7. Normal and abnormal readings of vital signs.
8. Diagnosis and management of metabolic acidosis.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Ventricular Arrhythmia.
2. Incision and drainage of parotid abscess.
3. Left atrial pressure monitoring.
4. Fat embolism.
5. What is detergent?
6. Pulse oxymetry and its importance.
7. Name 5 Clinical disinfectants.
8. Fresh frozen plasma.
9. Membrane filters.
10. Fumigation – how it is done?

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