

[LI 0216]

FEBRUARY 2016

Sub. Code:1411

**B.Sc. CARDIO PULMONARY PERFUSION CARE TECHNOLOGY
SECOND YEAR**

**PAPER I – PHARMACOLOGY, PATHOLOGY AND
CLINICAL MICROBIOLOGY**

Q.P. Code: 801411

Time : Three Hours

Maximum : 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Define the morphology of bacterial cell with a neat and labeled diagram.
2. Describe renal failure and its pathology.
3. Name the NSAID's with a note on their mode of action, uses and side effects.

II. Write notes on:

(8 x 5 = 40)

1. Hepatitis.
2. Cold sterilization.
3. Biomedical waste management.
4. Non inflammatory diseases.
5. Rheumatoid arthritis.
6. List 5 opportunistic infection typically associated with HIV.
7. Antiasthmatic drug.
8. Anticoagulants.

III. Short answers on:

(10 x 3 = 30)

1. What is pasteurization?
2. Gram negative organism.
3. Organisms causing UTI.
4. Acute tubular necrosis.
5. Tetralogy of fallot.
6. Pleuritis.
7. Coronary artery diseases.
8. Calcium channel blockers.
9. Alpha blockers.
10. Hypokalemia.
