

[LB 0212]

AUGUST 2012

Sub. Code: 1411

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

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

Q.P. Code : 801411

Time: Three hours

Maximum: 100 marks

(180 Mins) Answer ALL questions in the same order.

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|---|---|----|----|
| 1. Name the diuretics with a note on their mode of action & side effects. | 7 | 20 | 10 |
| 2. Name 5 disinfectants with their mode of action advantages & disadvantages. | 7 | 20 | 10 |
| 3. Describe nephrotic syndrome & its pathophysiology. | 7 | 20 | 10 |

II. Write Notes on:

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|--|---|----|---|
| 1. Chronic obstructive pulmonary disease. | 4 | 10 | 5 |
| 2. Patent ductus arteriosus. | 4 | 10 | 5 |
| 3. Exercise induced asthma. | 4 | 10 | 5 |
| 4. Coronary artery disease. | 4 | 10 | 5 |
| 5. Classes of antibodies with 2 properties each. | 4 | 10 | 5 |
| 6. Morphology of bacterial cell. | 4 | 10 | 5 |
| 7. Hot air oven. | 4 | 10 | 5 |
| 8. Cold sterilization. | 4 | 10 | 5 |

III. Short Answers on:

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|--|---|---|---|
| 1. Name the drugs used in asthma with their mode of action & side effects. | 2 | 4 | 3 |
| 2. Write a note on drug inter actions of warfarin. | 2 | 4 | 3 |
| 3. Write a note on ionotropes. | 2 | 4 | 3 |
| 4. Classify insulin, based on their mode of action. | 2 | 4 | 3 |
| 5. Enterococcal infections. | 2 | 4 | 3 |
| 6. Drug resistance in Gram negative organisms. | 2 | 4 | 3 |
| 7. Hot air oven. | 2 | 4 | 3 |
| 8. Chronic renal failure & its causes. | 2 | 4 | 3 |
| 9. Acute tubular neorosis. | 2 | 4 | 3 |
| 10. Bacterial endocarditis. | 2 | 4 | 3 |
