

[LD 0212]

AUGUST 2013

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. Classify drugs used in angina. Write on the mechanism of action, bio availability, side effects of Nitrates.
2. Define sterilization. Classify the various methods of sterilization. Describe in detail about the chemical method of sterilization.
3. Define pneumonia. Classify pneumonia. Discuss in detail the pathology and complications of pneumonia.

**II. Write notes on**

**8 x 5 = 40**

1. Nephrotic syndrome.
2. Pathology of Myocardial infarction.
3. Rheumatic heart disease.
4. Wound infection.
5. Staphylococci.
6. Low molecular weight heparin.
7. Write briefly on bronchodilators.
8. Alpha-blockers.

**III. Short answers on**

**10 X 3 = 30**

1. Drugs causing electrolyte disturbances.
2. Write shortly on Diltiazem.
3. Mechanism of positive inotropic action of cardiac glycosides.
4. List any 3 catheter related infections.
5. Ziehl – Neelsen status.
6. List the diseases which are transmitted by blood transfusion.
7. Write shortly on Beta-blockers.
8. Complications of atheroma.
9. Tetralogy of Fallot
10. Causes of acute renal failure.

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