

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. Hospital acquired infections and its prevention.
2. Define and classify Pneumonia. Describe in detail the pathology and its complications.
3. Name the NSAID's. Add a note on their mode of action, side effects and uses.

II. Write notes on:

(8 x 5 = 40)

1. Blood stream infections.
2. Drugs in Asthma.
3. Mannitol.
4. Pathology of Myocardial infarction.
5. Rheumatoid arthritis.
6. Bacterial flagella.
7. Biomedical waste management.
8. List the viruses transmitted by blood transfusion.

III. Short answers on:

(10 x 3 = 30)

1. Calcium channel blocker.
2. Drugs causing electrolyte disturbances.
3. Transferable drug resistance.
4. Pleuritis.
5. Inflammatory Lung diseases.
6. Bacterial endocarditis.
7. Atheroma.
8. Hepatitis.
9. Ziehl Neilson stain.
10. Gas sterilization methods.