

**B.Sc. CARDIAC TECHNOLOGY
FIRST YEAR
PAPER II – PHARMACOLOGY RELATED TO CARDIAC TECHNOLOGY**

Q.P. Code : 801502

Time: Three Hours

Maximum: 100 Marks

Answer all questions

I. Elaborate on:

(3 x 10 = 30)

1. Enumerate **drugs used in angina**. Write the mechanism of action, adverse effects and uses of **nitrates**.
2. Write briefly about **anti platelet drugs**.
3. Enumerate hypolipidemic drugs. Describe the actions, uses and adverse effects of **statins**.

II. Write Notes on:

(8 x 5 = 40)

1. Enalapril.
2. Nifedipine.
3. Metoprolol.
4. Lidocaine.
5. Low molecular weight heparin.
6. Spironolactone.
7. Streptokinase.
8. Dopamine.

III. Write Notes on:

(10 x 3 = 30)

1. Complications of high ceiling diuretics.
2. Uses of hydrocortisone.
3. Enumerate Cephalosporins.
4. Mention Proton Pump inhibitors. What are their uses?
5. Mention the various techniques in local anaesthesia.
6. Diphenhydramine.
7. Treatment of heparin toxicity.
8. Midazolam.
9. Niacin.
10. Adenosine.
