

**DIPLOMA IN CARDIAC NON-INVASIVE TECHNOLOGY**

**FIRST YEAR**

**PAPER II – INTRODUCTION TO CARDIOVASCULAR DISEASES**

*Q.P. Code: 842402*

**Time : Three Hours**

**Maximum : 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. What is Pericardial disease? Write about the causes, pathophysiology, clinical manifestations and management of constrictive pericarditis.
2. Hypertension? Management of hypertensive crisis.
3. Pulmonary hypertension – Etiology, Risk factors, pathophysiology, clinical features, surgical and medical treatment.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Streptokinase.
2. Rheumatic fever.
3. Steps involved in Cardiopulmonary resuscitation.
4. Tetralogy of Fallot.
5. Sinus node dysfunction.
6. Indications for Aortic valve replacement.
7. Beta blockers.
8. Infective endocarditis.
9. Features of cardiac tamponade.
10. Transposition of great arteries.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Aortic regurgitation.
2. Types of Arrhythmias.
3. ECG findings of Myocardial Infarction.
4. Types of cardiomyopathy?
5. Name few beta blockers.
6. Patent ductus arteriosus.
7. Types of ASD.
8. Mitral stenosis.
9. Cardiomyopathy.
10. Takayasu arteritis.

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