

[LI 0216]

FEBRUARY 2016

Sub. Code: 2402

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. Rheumatic fever – etiology, pathophysiology and clinical features of acute rheumatic fever.
2. Hypertrophic cardiomyopathy – etiology, clinical feature and how will you investigate?
3. Enumerate the acyanotic congenital heart disease. Discuss in detail about embryology and clinical features of ostium secundum atrial septal defect.

II. Write Notes on:

(10 x 5 = 50)

1. List out the non invasive and invasive investigation to diagnose coronary artery disease.
2. Clinical feature of mitral stenosis.
3. Drug Therapy for heart failure.
4. Indication for balloon mitral valvuloplasty.
5. Signs and symptoms of mitral regurgitation.
6. When will you advice percutaneous transluminal coronary angioplasty?
7. What are the types of myocardial infarction?
8. Clinical features of Acute myocardial infarction.
9. How will you investigate the peripheral vascular disease?
10. Pathology and clinical feature of coarctation of Aorta.

III. Short answers on:

(10 x 2 = 20)

1. Pathology of transposition great arteries.
2. Define Aortic aneurysm.
3. What do you mean by sinus node dysfunction?
4. What are the symptom of mitral valve prolapse?
5. Define arrhythmia.
6. Define pulmonary artery hypertension.
7. ECG feature of Acute Myocardial infarction.
8. Drugs used for Rheumatic fever prophylaxis.
9. Define supra ventricular tachycardia.
10. When will you advice permanent pacemaker insertion?
