

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 0321]

**MARCH 2021**

**Sub. Code: 2402**

**(AUGUST 2020 EXAM SESSION)**

**DIPLOMA IN CARDIAC NON-INVASIVE TECHNOLOGY**

**FIRST YEAR (Regulation 2014-2015 & 2018-2019)**

**PAPER II – INTRODUCTION TO CARDIOVASCULAR DISEASES**

***Q.P. Code : 842402***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Myocardial Infarction –Types, locations and treatment.
2. Pulmonary hypertension – Etiology, Risk factors, pathophysiology, clinical features, surgical and medical treatment.
3. Rheumatic fever and Rheumatic heart disease? Discuss the clinical features and criteria to diagnose the same.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Digoxin-Indication, dosage and toxicity.
2. Drug therapy for arrhythmia.
3. Tetralogy of Fallot.
4. What are clinical features of Mitral regurgitation?
5. Sinus node dysfunction.
6. Indications for Aortic valve replacement.
7. Thrombolytic therapy.
8. Ventricular septal defect
9. Features of cardiac tamponade.
10. Signs and symptoms of Aortic dissection.

**III. Short answers on:**

**(10 x 2 = 20)**

1. What are types of Atrial septal defect?
2. Define Angioplasty.
3. What is Radiofrequency ablation?
4. What are types of cardiomyopathy?
5. Jones criteria.
6. Pacemaker.
7. Types of ASD.
8. Aortic stenosis.
9. Layers of Heart?
10. Enzyme markers for Coronary artery disease?

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