

SL.No: M23275

Course Code: 2670101

**VINAYAKA MISSIONS RESEARCH FOUNDATION, SALEM
(Deemed to be University)**

**M.SC.(ECHOCARDIOGRAPHY) DEGREE EXAMINATION - January 2021
First Year**

CARDIOLOGY

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on : **(3 x 20 = 60)**

1. Explain the causes, risk factors, pathology, investigation, treatment and prevention of coronary artery disease.
2. Explain acute circulatory failure (cardiogenic shock), clinical features and management of cardiogenic shock.
3. Define ECG. Explain the conventional electrocardiographic leads in detail.

II. Write short notes on : **(4 x10 = 40)**

4. Transposition of great arteries.
5. Diagnosis criteria of Rheumatic fever
6. Explain the pathophysiology of heart failure.
7. Basic electrocardiographic deflexions with neat diagram and label.
