

SL.No: M22014

Course Code: 2670104/26617404

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)**

**M.SC.(INTEGRATED CARDIAC TECHNOLOGY/ECHOCARDIOGRAPHY)
DEGREE EXAMINATION – December 2021
First Year/Fourth Year**

ECHOCARDIOGRAPHY FOR ISCHEMIC HEART DISEASE

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on :

(3 x 20 = 60)

1. Mention the acute complications of myocardial infarction and the role of echocardiography in detecting the complications.
2. Describe the segmental analysis of wall motion defects and quantification of ischemic muscle in acute coronary syndrome.
3. Describe the protocols for stress echocardiography and detection of inducible ischemia and viability.

II. Write short notes on :

(4 x 10 = 40)

4. Tissue Doppler echocardiography.
5. Coronary circulation and anomalies.
6. Assessment of left ventricular function.
7. Role of echo in pre op and post op evaluation of CABG.
