

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)
M.SC.(ECHOCARDIOGRAPHY) DEGREE EXAMINATION – February 2020
First Year**

ECHOCARDIOGRAPHY FOR ISCHEMIC HEART DISEASE

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on : **(2 x 20 = 40)**

1. Assessment of Global Ventricular Systolic and Diastolic function in Ischemic Heart Disease.
2. Explain strain and strain – rate Imaging used in assessing the Ischemic Heart Disease.

II. Write short notes on : **(10 x 6 = 60)**

3. True Aneurysm Vs Pseudo Aneurysm.
4. Ventricular Septal Rupture.
5. Explain modified Simpson method.
6. Decision making for CABG versus PTCA.
7. Explain False – Positive and False Negative findings in stress Echocardiography.
8. Stress Echocardiography as a prognostic indicator.
9. Explain myocardial perfusion defect using contrast Echocardiography.
10. Explain Tissue Doppler Imaging in diastolic function of Left Ventricle.
11. Detecting and assessing of Myocardial Infarction.
12. Explain Coronary Artery Anatomy and Physiology.
