

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

**M.SC (ECHOCARDIOGRAPHY) DEGREE
EXAMINATION – February 2020
Second Year**

**ECHOCARDIOGRAPHY IN MYOCARDIAL, PERICARDIAL, AORTIC
AND SYSTEMIC DISORDERS**

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

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

1. Hemodynamics assessing intracavitary and outflow tract gradients.
2. Echocardiographic evaluation of aortic dissection.

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

3. Spontaneous echo contrast.
4. Cardiac transplantation.
5. Secondary effects of cardiac masses.
6. Metastatic tumors in heart.
7. Aorta – left ventricular tunnel.
8. HOCM.
9. Disease of pericardium.
10. Infiltrative Cardiomyopathy.
11. Role of TEE in aorta.
12. Evaluation of electrophysiology in myocardial disease.
