

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

M.SC. (ECHOCARDIOGRAPHY) DEGREE EXAMINATION - March 2019

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. Evaluation of Echocardiography in systemic orders.
2. Haemodynamics assessing intracavitary and outflow tract gradients.

II. Write short notes on:

(10 x 6 = 60)

3. Use of TEE in intensive care – setup.
4. Ultrasonic typing, manmade objects in the heart.
5. Evaluation of electrophysiology in myocardial disease.
6. Role of TEE in disease of aorta.
7. Brief detail about collagen vascular diseases.
8. Secondary effects of cardiac masses.
9. Conditions mimicking hypertension cardiomyopathy.
10. Aortic dissection.
11. Metastatic tumors in the heart.
12. Spontaneous echo contrast.
