

SL.No: M22016

Course Code: 162615T01/2670201

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

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

PAEDIATRIC ECHOCARDIOGRAPHY

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on :

(3 x 20 = 60)

1. Describe the types, clinical features, investigations and treatment of atrial septal defect.
2. Describe the hemodynamics, clinical features, investigations and treatment of tetralogy of fallot.
3. Describe the etiology, types, clinical features, ECG changes and management of ventricular septal defect.

II. Write short notes on :

(4 x 10 = 40)

4. Eisenmenger syndrome.
5. Coarctation of aorta and assessment of hemodynamics.
6. Fetal circulation.
7. Embryology and assessment of transposition of great arteries.
