

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

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

PAEDIATRIC ECHOCARDIOGRAPHY

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

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

1. TAPVC – Embrinyology, anomalies, indication for surgery. Pre and post of evaluation.
2. 3D techniques in paediatric Echocardiography.

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

3. TOF.
4. Classification of CHD.
5. Acyanotic congenial heart disease.
6. Administering sedation – Monitoring and possible complications.
7. Assessing pulmonary circulation in ASD.
8. Heamodynamics in VSD.
9. Surgery and complication of COA.
10. Assessing newborn with suspected TAPVC.
11. Approach to the patient with C-tgA.
12. PDA in newborn.
