

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**

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

**Second Year**

**PAEDIATRIC ECHOCARDIOGRAPHY**

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

**I. Write a Long essay on:**

**(2 x 20 = 40)**

1. Approach to the Paediatric Echocardiography with neat diagrams.
2. Congenital heart disease – segment analysis.

**II. Write short notes on:**

**(10 x 6 = 60)**

3. PDA in newborn.
4. Development of interventricular septum.
5. TAPVC pre and post operative evaluation.
6. Abnormalities of left ventricular outflow.
7. Aorto pulmonary window.
8. Congenital mitral stenosis – Explain.
9. Anomalies of coronary arteries in TOF.
10. Sedation in paediatric echocardiography.
11. Causes for coronary sinus dilatation.
12. Advanced techniques in paediatric echocardiography.

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