

SL.No: M23276

Course Code: 2670102 /162614T02

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

**M.SC.(ECHOCARDIOGRAPHY)/ INTEGRATED CARDIAC
TECHNOLOGY DEGREE EXAMINATION - January 2021
First Year / Fourth Year**

CARDIAC SURGERY

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

I. Write an Long essay on :

(3 x 20 = 60)

1. Define CABG. Explain pathophysiology of ischemic heart disease, indication, contra indication and steps involved in performing CABG.
2. Explain pathophysiology of Aortic stenosis and aortic regurgitation, timing of surgery for aortic valve replacement.
3. Types of Ventricular Septal Defect (VSD) with diagram. Explain in detail the steps involved in surgical management of VSD.

II. Write short notes on :

(4 x 10 = 40)

4. Treatment for transposition of great arteries.
5. Problem scenarios in Redo valve surgery.
6. Explain Rastelli operation.
7. Explain the causes and pathology of organic Tricuspid valve stenosis.
