

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University)
M.SC.(ECHOCARDIOGRAPHY) DEGREE EXAMINATION – August 2019
First Year**

CARDIAC SURGERY

Time: Three hours

Maximum: 100 marks

Answer **ALL** questions

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

1. Define Patent Ductus Arterioses(PDA). Explain in detail the steps involved in surgical management of PDA.
2. Define CABG. Explain in detail indications, precautions and steps involved in performing CABG.

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

3. PTCA
4. ROS procedure
5. CT Angio
6. Intra Cardiac Repair
7. Mitral Valve replacement
8. Cardiac Anaesthesia
9. LIMA harvest
10. Cardiac tamponade
11. Heart Block
12. Coarctation of Aorta
