

**Rajiv Gandhi University of Health Sciences**  
**Second year M. Sc Echocardiography Degree Examination - OCT-2019**

**[Time: 3 Hours]**

**[Max. Marks: 100]**

**Cardiac Surgery**  
**(Revised Scheme-2)**  
**Q.P. CODE: 9758**

Your answers should be specific to the questions asked.  
Draw neat, labeled diagrams wherever necessary

**Long Essay**

**2 X 20 = 40 Marks**

1. Briefly explain about the role of echocardiography in the field of cardiac surgery.
2. Classifications of congenital heart diseases in detail with examples.

**Short Essay**

**6 X 10 = 60 Marks**

3. Coarctation of aorta types and its correction in detail.
4. Aortic dissection classification in detail.
5. Role of CPB during cardiac surgeries.
6. LV aneurysm.
7. What are the bypass grafts and how to do harvest them?
8. PA banding.

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