

# Rajiv Gandhi University of Health Sciences

## D.M Degree Examination – JULY-2018

**Time: Three Hours****Max. Marks: 100 Marks****Cardiac Anaesthesia - PAPER – III****QP Code: 9198**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer all questions

**LONG ESSAY (These questions carry 10 marks each)****10 X 10 = 100 Marks**

1. Pulmonary circulations in obstructed RVOT
2. Discuss management strategies for pulmonary hypertension.
3. Discuss the development of aorta and pulmonary artery in the embryo and various congenital defects of the same.
4. Myocardial preservation techniques in congenital heart surgery
5. Pathophysiology and perioperative management of TGA with intact ventricular septum.
6. Anesthetic management of tricuspid atresia for Fontan surgery
7. Anesthetic management for ALCAPA
8. Discuss physiological consequences of hemodilution.
9. Discuss use of ECMO in neonates.
10. Alternatives to heparin for cardiac surgery

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