

# Rajiv Gandhi University of Health Sciences

## D.M Degree Examination – JULY-2018

**Time: Three Hours****Max. Marks: 100 Marks****Cardiac Anaesthesia - PAPER – II****QP Code: 9197**

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. Anaesthetic and hemodynamic management during OPCAB.
2. Physiological consequences in hemodilution.
3. Protection of spinal cord during aortic surgery
4. Discuss constituents of CPB circuit
5. Methods of assessing MR with transesophageal echocardiography
6. Pathophysiology and anaesthetic management of a case of aortic regurgitation.
7. Assessment of right ventricular function and anesthetic implications of right ventricular dysfunction.
8. Factors affecting gas exchange in membrane oxygenator and diagnosis of leaking membrane
9. Anesthetic management of a case of IHD for redo CABG
10. TEE evaluation of aortic stenosis for AVR

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