

# Rajiv Gandhi University of Health Sciences

## D.M Degree Examination – JULY-2019

**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. Anesthetic management of acute AR patient for AVR / Bentall surgery
2. Discuss the role of TEE in aortic pathology and echocardiographic information required by the surgeon during aortic surgery.
3. Anesthetic management of a patient of mitral stenosis posted for mitral valve replacement during second trimester of pregnancy.
4. Deep hypothermic circulatory arrest
5. Enumerate different methods of filtration available during CPB. Discuss about modified ultrafiltration.
6. Discuss pathophysiology of rheumatic fever and management of acute rheumatic fever.
7. Intra-aortic balloon pump
8. Role of anesthesiologist during myocardial perfusion scintigraphy
9. Discuss recent developments in the management of end stage cardiac failure.
10. Discuss role of TEE in mitral valve surgery.

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