

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**D.M. Degree Examination - 11-Dec-2019**

**[Time: 3 Hours]**

**[Max. Marks: 100]**

**CARDIOLOGY - PAPER – I**  
**Basics Sciences**  
**QP Code: 9111**

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. Bicuspid aortic valve disease
2. Role of inflammation in atherosclerotic cardiovascular disease
3. High sensitivity cardiac Troponins
4. SGLT-2 inhibitors
5. Dynamic auscultation
6. Value of lateral view chest radiograph in cardiology
7. Ion exchangers and pumps
8. Cardiac tumours
9. Cardiovascular effects of air pollution
10. Cardiovascular response to exercise training

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