

QP Code:101501

Reg.No.:.....

D.M. (Cardiology) Degree Examinations - July 2016

Paper I – Basic Sciences

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Discuss the embryology of aortic arch. Add a note on developmental anomalies of aortic arch.

Short essays:

(8x10=80)

2. Diastolic heart sounds
3. Valsalva maneuver
4. Role of nitric oxide in cardiovascular disease
5. Cardiac dyssynchrony
6. Echocardiographic assessment of mitral stenosis
7. ECG assessment of chamber dilatation
8. Echocardiographic assessment of RV function
9. Genetics of cardiac arrhythmias
