

QP Code:101501

Reg.No.:.....

D.M. (Cardiology) Degree Examinations - September 2013

Paper I – Basic Sciences

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Discuss the anatomy of the right and the left atrium with special reference to the various procedures of diagnostic electrophysiology and radio-frequency ablation .

Short essays:

(8x10=80)

2. The cardiac sarcomere.
3. Physiology of regulation of blood pressure in health and disease.
4. Development and anatomy of inter atrial septum .
5. Drugs used in the treatment of pulmonary hypertension.
6. Histopathological analysis of the vulnerable plaque.
7. His Bundle electrogram in health and disease.
8. Pathology in cardiac rupture secondary to acute myocardial infarction.
9. Electrophysiologic evaluation of WPW syndrome.
