

QP Code: 101501

Reg. No.:.....

D.M. (Cardiology) Degree Supplementary Examinations March 2022

Paper I – Basic Sciences

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Discuss the genetic basis of various cardiovascular diseases

Short essays:

(8x10=80)

2. Anatomical differences between right and left atrium
3. Development of coronary arteries
4. Describe the cardiac action potential
5. Mechanisms of myocardial cell injury
6. Renin - angiotensin system in blood pressure regulation
7. Mechanism of action of fibrinolytic agents
8. Pathogenesis of atherosclerosis
9. Left ventricular remodeling
