

QP Code: 101501

Reg. No.:.....

D.M. (Cardiology) Degree Supplementary Examinations June 2024

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. Vascular biology of atherosclerosis.

Short essays:

(8x10=80)

2. Development of Aortic Arch.
3. Proteomics and metabolomics in cardiovascular medicine.
4. Environmental impacts on cardiovascular health.
5. Padua prediction score for identification of patients at risk for venous thrombo embolism.
6. Six minutes' walk test protocol and clinical utility.
7. Strain derived indices and imaging – physical principles and clinical applications.
8. Newer biomarker – soluble ST2.
9. Wearable devices in cardiovascular medicine.
