

QP Code: 101501

Reg. No.:.....

**D.M. (Cardiology) Degree Regular/Supplementary Examinations
November 2023**

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. Phases of diastole and its importance in health and disease.

Short essays: (8x10=80)

2. J curve in hypertension
3. Determinants of cardiac output
4. Natriuretic peptide system
5. Canon wave
6. Hemodynamic changes in pregnancy
7. Familial dyslipidemics and its role in premature atherosclerosis
8. Determinants of myocardial oxygen demand
9. Single ventricle
