

QP Code: 101501

Reg. No.:.....

**D.M. (Cardiology) Degree Regular/Supplementary Examinations**  
**September 2020**

**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. Pulse in health and diseases

**Short essays:** (8x10=80)

2. LV remodelling in heart failure

3. Phases of cardiac action potential

4. Cardiac cycle

5. Echo assessment of LV diastolic function

6. Genetics of long QT syndromes

7. Evolution of atheroma in coronary arteries

8. Patent Foramen Ovale

9. Cardiac output measurements by non-invasive methods

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