

QP Code: 104501

Reg. No.:.....

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

**Paper IV – Recent Advances in Cardiology**

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. Present status of TAVI – transcatheter aortic valve implantation – technique, selection criteria and expanding applications.

**Short essays:**

**(8x10=80)**

2. Subcutaneous defibrillators.
3. Transmyocardial laser revascularization (TMR).
4. Utility of optical coherence tomography in percutaneous coronary interventions.
5. Left bundle branch pacing: current knowledge and future prospects.
6. Percutaneous tricuspid valve implantation.
7. Endovascular repair of Abdominal Aortic Aneurysm (AAA).
8. Minimal invasive cardiac surgery: its indications and advantages.
9. Vascular access closure devices: an overview.

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