

Q P Code:103501

Reg. No.

**D.M. (Cardiology) Degree Regular/Supplementary Examinations
April 2025**

Paper III – Cardiac Investigations and Therapeutics

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. Catheter based interventions in deep vein thrombosis and pulmonary embolism.

Short essays:

(8x10=80)

2. Tafamidis.
3. ACC/AHA guidelines for indications for implantable cardioverter defibrillator (ICD).
4. Stent thrombosis and restenosis: preventive and management strategies.
5. Stem cell therapy in cardiovascular disease.
6. Acute ventricular septal rupture following ST elevation myocardial infarction, current management strategies.
7. Non pharmacological management of chronic atrial fibrillation.
8. Myocardial preconditioning and its relevance to clinical practice.
9. Impella device: its clinical applications.
