

**Q P Code:103501**

**Reg. No.:.....**

**D.M. (Cardiology) Degree Regular/Supplementary Examinations  
August 2022**

**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. Discuss the current concepts in the Pharmacological treatment of heart failure with reduced ejection fraction.

**Short essays:**

**(8x10=80)**

2. Role of Cardiac MRI in evaluation and Prognostication.
3. Duct dependent circulation in congenital heart defects. Options to maintain patency of the duct.
4. Ventricular Tachycardia in structurally normal hearts.
5. Multi vessel PCI during acute Myocardial infarction. What is the present consensus based on clinical trials.
6. Pharmacotherapy of Pulmonary artery hypertension.
7. Critically evaluate left main coronary intervention in contemporary practice.
8. Discuss in detail the evaluation, indications and timing of surgery in infective endocarditis.
9. Approach to Infection of Implanted Cardiac Devices (CIED).

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