

15. Valvular Heart Disease

16. Infective Endocarditis,

17.

10. Catherisation studies
11. Cardiac Biomarkers
12. Cardiac pacemakers
13. Holter monitoring

Paper IV: Recent advances in Cardiology

1. Recent development in the field of Cardiology and related areas of cardiovascular medicine
2. Latest clinical trials which had impacted the patient care or new management strategies
3. Devices for heart failure
4. Mechanical assist devices
5. Imagining in cardiology
6. Artificial intelligence in cardiology
7. Remote health monitoring

MODEL TEST PAPERS
DM (Cardiology)
Paper –II

Clinical Cardiology

Maximum Marks : 100

Time : 3 Hours

- **Attempt ALL questions.**
 - **Answer each question and its parts in SEQUENTIAL ORDER.**
 - **ALL questions carry equal marks.**
 - **Illustrate your answer with SUITABLE DIAGRAMS.**
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Paper II

1. Discuss in detail the diagnosis and management of D-TGA
2. Clinical classification and pathogenesis of stent thrombosis
3. List the difference between restrictive and constrictive physiology
4. Effects of Covid-19 on cardiovascular system
5. Etiopathogenesis and management of HOCM
6. Catecholaminergic polymorphic ventricular tachycardia CPVT –Identification and management .
7. Cardiogenic shock pathophysiology and management
8. Neurocardiogenic syncope and its management
9. Coronary slow flow after PCI, aetiopathogenesis and management
10. Long QT syndromes –etiology, genetic basis and management

MODEL TEST PAPERS
DM (Cardiology)
Paper –III

Investigative Cardiology

Maximum Marks : 100

Time : 3 Hours

- **Attempt ALL questions.**
- **Answer each question and its parts in SEQUENTIAL ORDER.**
- **ALL questions carry equal marks.**
- **Illustrate your answer with SUITABLE DIAGRAMS.**

Paper III

1. Non hyperemic pressure indices coronary lesion assessment
2. Nearinfrared spectroscopy in coronary imaging
3. CT FFR in evaluation of CAD
4. Dobutamine stress echocardiogram
5. Coronary collateral circulation and its clinical significance
6. Radionuclide imaging in myocardial viability assessment
- 7.

