

The West Bengal University of Health Sciences
D.M (Cardiology) Examination, August 2022

Paper : I

Full Marks: 100
Time : 3 hours

Attempt all questions. All Questions carry 10marks each.

1. Describe anatomy of mitral valve and papillary muscle apparatus. 10
2. Discuss clinical applications of CMR in CAD. 10
3. Discuss about the developmental basis of Fallot's Tetralogy. 10
4. Discuss the pathophysiology of Eisenmenger syndrome. 10
5. Discuss the role of salt sensitivity in pathogenesis of systemic hypertension.
Enumerate endocrine causes of secondary hypertension. 10
6. Diagnosis and management of tachycardia induced cardiomyopathy. 5+5
7. Write short notes on : 5+5
 - a) Mavacamten
 - b) Macitentan
8. Genetic evaluation in cardiac arrhythmia. 10
9. Hemodynamics in constrictive pericarditis and restrictive cardiomyopathy. 5+5
10. Prevention of atrial fibrillation. 10