

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

**Full Marks: 100
Time : 3 hours**

Paper : II

Attempt all questions. All Questions carry 10marks each.

1. Burden of Rheumatic heart disease in India. What are the challenges and how will you overcome these challenges? 10
2. Discuss Venous Tone, Stressed blood volume and Role of Volume Redistribution in Heart Failure. 10
3. Enumerate and discuss pathogenesis of complications of Infective endocarditis. 5+5
4. How do you evaluate, to select and prepare a potential candidate for Cardiac Transplant Recipient ? 7+3
5. What are the indications for ICD implantation in primary and secondary preventions? Enumerate names of major trials for ICD implantation. 4+4+2
6. Enumerate cardio-vascular complications of 'Sleep-Disordered Breathing' and describe their plausible pathogenetic mechanisms. 4+6
7. ASD Device Closure for large ASDs in adults – the concerns and precautions. 10
8. Discuss mechanisms, outcomes and treatment of 'Slow-flow' following coronary stenting. 4+2+4
9. As a cardiologist when do you refer a patient of severe aortic stenosis to a cardiothoracic surgeon ? 10
10. Write short notes on : 5+5
 - a) Myocardial bridge
 - b) Coronary atresia