

**The West Bengal University of Health Sciences**  
**M.Ch. (Cardio Thoracic & Vascular Surgery) Examination,**  
**August 2022**

Paper : II

Full Marks :100

Time : 3 hours

*Attempt all questions. All Questions carry 10marks each.*

1. Describe different strategies of cerebral protection for aortic surgery. 10
2. Write short notes on: 5+5
  - a) Thoracic duct injury.
  - b) Aspergilloma.
3. Mention the functional classification of aortic valve disease. Mention the different techniques for aortic valve repair. 4+6
4. Discuss the dissection of aorta under the following headings : 5+5
  - i) Etiology.
  - ii) Investigations
  - iii) Management of type I aortic dissection.
5. Discuss the Anatomy , Physiological consequences , Management of HLHS ( Hypoplastic left heart syndrome) . 4+3+3
6. Discuss the etiology & management of bronchopleural fistula. 5+5
7. Discuss the etiopathogenesis, diagnosis & management of constrictive pericarditis. 3+2+5
8. Discuss the various causes of haemoptysis. Outline the surgical management of pulmonary tuberculosis. 2+8
9. Classification causes and management of sternal wound infection. 10
10. Discuss the aetiopathogenesis of Myasthenia gravis and outline the management of a patient admitted with myasthenia crisis. 10