

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

Full Marks : 100
Time : 3 hours

Paper : III

Attempt all questions. All Questions carry 10marks each.

1. Discuss the peri-procedural care for ASD device deployment in a catheter laboratory. 10
2. What is the anesthetic management of obstructed infracardiac TAPVC. 10
3. Pathophysiology and anesthetic management of ALCARA surgery. 10
4. Discuss anesthesia management of a child with tricuspid atresia posted for BD Glenn surgery. 10
5. Discuss the perioperative issues associated with atrial switch operation. 10
6. Describe the anatomy of pulmonary blood flow in TOF with pulmonary atresia and anesthetic management. 10
7. Write a short note on A-V canal defect. 10
8. What are the causes of cyanotic CHD with increased pulmonary blood flow ? Discuss the pathophysiology and treatment of postoperative pulmonary hypertensive crisis. 10
9. What are the ventilator modes in pediatric cardiac surgical patients ? Write a note on pressure regulated volume control mode. 10
10. Discuss low cardiac output syndrome after pediatric cardiac surgery. 10