

The West Bengal University of Health Sciences
D.M. (Cardiac Anesthesiology) Examination, August-September 2021

Full Marks : 100
Time : 3 hours

Paper : III

Attempt all questions. All Questions carry 10marks each.

- 1) What is Ebstein Anomaly ? What is Gose Score ? Write down the perioperative management of a patient of 12 year suffering from Ebstein Anomaly posted for Tricuspid valve repair. 2+3+5
- 2) What are the types of BT Shunt. How will you select the side of shunt and why? Describe the perioperative management of a 6 months old child posted for BT Shunt. 3+2+5
- 3) Pace maker magnet behavior. 10
- 4) What is Plasmapheresis ? What is its implication in myasthenia gravis ? Write the intraoperative management of a patient posted for thymectomy by VATS. 2+2+6
- 5) How will you determine the operability for Arterial Switch operation (ASO) in DTGA ? Write the role of DHCA in Arterial Switch operation in a 3 month old patient with DTGA. Write the intraoperative management of ASO in the child. 2+3+5
- 6) Discuss about pulmonary artery banding (PAB) and anaesthetic consideration for PAB in an infant. 10
- 7) Discuss the physiology of one lung ventilation. 10
- 8) Aprotinine. 10
- 9) Discuss etiology, Pathology and prophylactic management of renal dysfunction after cardiac surgery . 10
- 10) Discuss the perioperative anaesthetic management of a 4 month old child posted for Coarctoplasty. 10