Write short notes on:

1. Scoring systems for preoperative risk stratification in cardiac surgery.   10

2. Strategies to reduce the inflammatory response to cardiopulmonary bypass.   10

3. Cerebral and spinal cord protection during aortic arch surgery.   10

4. Anaesthetic management of a patient with dilated cardiomyopathy posted for AICD implantation in cardiac cath lab.   10

5. Diagnosis of operability and preoperative optimization of an 8-year-old child with VSD and severe pulmonary hypertension presenting for intracardiac repair.   10

6. Anesthetic concerns and perioperative management of a patient with severe mitral stenosis, left atrial clot and gangrene in leg posted for emergency embolectomy.   10

7. Draw and label various views for Aortic valve examination on Transesophageal echocardiography.   10

8. Pros and cons of using Dexmedetomidine for ICU sedation in Post cardiac surgical patients in ICU.   10

9. Recent advances and newer strategies for management of heart failure.   10

10. Newer Oral Anticoagulants.   10