

National Board of Examinations

Question Paper Name : DrNB Cardiac Anaesthesia Paper2
Subject Name : DrNB Cardiac Anaesthesia Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740494 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Anaesthetic management of transposition of great artery for arterial switch operation. [10]

Question Number : 2 Question Id : 32718740495 Consider As Subjective : Yes

Emergent protocol for management of massive air embolism during cardiopulmonary bypass. [10]

Question Number : 3 Question Id : 32718740496 Consider As Subjective : Yes

Describe aortic stenosis etiology and pathophysiology, echocardiography grading and anaesthetic consideration. [10]

Question Number : 4 Question Id : 32718740497 Consider As Subjective : Yes

- a) Ischemic reperfusion injury. [5]
- b) Carpentier's classification of mitral regurgitation. [5]

Question Number : 5 Question Id : 32718740498 Consider As Subjective : Yes

Describe intraoperative myocardial protection during cardiopulmonary bypass. [10]

Question Number : 6 Question Id : 32718740499 Consider As Subjective : Yes

Preoperative risk stratification of patients planned for pneumonectomy. [10]

Question Number : 7 Question Id : 32718740500 Consider As Subjective : Yes

- a) Post cardiopulmonary bypass arrhythmia. [5]
- b) Transport protocol from operation theater to postoperative care unit in cardiac surgery. [5]

Question Number : 8 Question Id : 32718740501 Consider As Subjective : Yes

- a) Bronchopleural fistula. [3]
- b) Postoperative complication of ventricular septal defect. [3]
- c) Protamine hypersensitivity. [4]

Question Number : 9 Question Id : 32718740502 Consider As Subjective : Yes

- a) Discuss in brief pulmonary dysfunction after cardiopulmonary bypass. [5]
- b) Mixed venous oxygen saturation (SvO₂). [5]

Question Number : 10 Question Id : 32718740503 Consider As Subjective : Yes

Describe infection control techniques in operation theater. [10]