

National Board of Examinations

Question Paper Name :	DrNB Cardiac Anaesthesia Paper1
Subject Name :	DrNB Cardiac Anaesthesia Paper1
Creation Date :	2022-06-25 17:18:16
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Cardiac Anaesthesia Paper1

Group Number :	1
Group Id :	3271871120
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Cardiac Anaesthesia Paper1

Section Id :	3271871123
Section Number :	1

Section type : Offline
Mandatory or Optional : Mandatory
Number of Questions to be attempted : 10
Section Marks : 100
Enable Mark as Answered Mark for Review and Clear Response : Yes
Maximum Instruction Time : 0
Sub-Section Number : 1
Sub-Section Id : 3271871127
Question Shuffling Allowed : No

Question Number : 1 Question Id : 32718710252 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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. Discuss the classification and pathophysiology of pulmonary arterial hypertension. [10]

Question Number : 2 Question Id : 32718710253 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the general principles of CPB management in neonate. [10]

Question Number : 3 Question Id : 32718710254 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe pathophysiology of vasoplegic syndrome after cardiac surgery. [10]

Question Number : 4 Question Id : 32718710255 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the various approaches for the internal jugular venous cannulation. [10]

Question Number : 5 Question Id : 32718710256 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss various signatures of Rotem & suggested therapies. [10]

Question Number : 6 Question Id : 32718710257 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the clinical applications of endothelin receptors antagonists in cardiac surgical patients. [10]

Question Number : 7 Question Id : 32718710258 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the philosophy of Blalock Taussig Shunt & its current indications. [10]

Question Number : 8 Question Id : 32718710259 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the mechanisms of organ protection by hypothermia in patients undergoing cardiac surgery. [10]

Question Number : 9 Question Id : 32718710260 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the central venous pressure waveforms and their clinical significance. [10]

Question Number : 10 Question Id : 32718710261 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Grades of LV diastolic dysfunction & its implications in clinical scenario. [10]