

National Board of Examinations

Question Paper Name :	DrNB Cardio Vascular and Thoracic Surgery Paper1
Subject Name :	DrNB Cardio Vascular and Thoracic Surgery Paper1
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Cardio Vascular and Thoracic Surgery Paper1

Group Number :	1
Group Id :	3271871422
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Cardio Vascular and Thoracic Surgery Paper1

Section Id :	3271871425
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 :	3271871429
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718713302 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. a) Anatomy of the inter ventricular septum. [5]
- b) Embryological aspects of ventricular septum. [5]

Question Number : 2 Question Id : 32718713303 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Enumerate various left to right shunts. [2]
- b) Briefly discuss natural history of anyone out of these. [3]

- c) Enumerate Echocardiographic findings of anyone out of these. [2]
- d) Briefly discuss indications and surgical management of anyone of above. [3]

Question Number : 3 Question Id : 32718713304 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) The anatomy of the tricuspid valve. [4]
- b) Indications for tricuspid valve repair. [2]
- c) Various reparative procedure of tricuspid valve. [4]

Question Number : 4 Question Id : 32718713305 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Role of hypothermia in myocardial protection. [3]
- b) Common constituents of cardioplegic solutions available. [4]
- c) Use of additives to enrich solutions used to protect the myocardium. [3]

Question Number : 5 Question Id : 32718713306 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss Leriche's syndrome:

- a) Clinical presentation. [2]
- b) Etiology. [2]
- c) Evaluation. [3]
- d) Management. [3]

Question Number : 6 Question Id : 32718713307 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Correct Marks : 10

- a) Action potential of the cardiac myocyte. [5]
- b) Draw a labelled diagram showing site of action of various anti-arrhythmic drugs. [5]

Question Number : 7 Question Id : 32718713308 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss conduits for CABG in the following headings:

- a) Types. [2]
- b) Long term patency. [3]
- c) Histological difference among them. [5]

Question Number : 8 Question Id : 32718713309 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Malperfusion in aortic dissection. [3]
- b) Retrograde cerebral perfusion. [3]
- c) Cerebroplegia. [4]

Question Number : 9 Question Id : 32718713310 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- a) Adverse effects of cardiopulmonary bypass. [5]
- b) Strategies to reduce bleeding in cardiac surgery. [5]

Question Number : 10 Question Id : 32718713311 Question Type : SUBJECTIVE Consider As

Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss about single ventricle:

- a) Pathophysiology. [3]
- b) Indications and timing of surgery. [3]
- c) Evolution of management strategies. [4]