

National Board of Examinations

Question Paper Name :	DrNB Cardio Vascular and Thoracic Surgery Paper3
Subject Name :	DrNB Cardio Vascular and Thoracic Surgery Paper3
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Actual Answer Key :	No

DrNB Cardio Vascular and Thoracic Surgery Paper3

Group Number :	1
Group Id :	3271871424
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 Paper3

Section Id :	3271871427
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 :	3271871431
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718713322 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) Enumerate current interventional methods as applicable to patients with various cardiovascular diseases. [3]
- b) Indications of balloon mitral valvotomy (BMV). [2]
- c) Types of balloon used in BMV. [2]
- d) Common causes for failure of BMV procedure. [3]

Question Number : 2 Question Id : 32718713323 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) Nano-Technology. [5]
- b) Telemanipulation methods as applicable to cardiovascular surgery. [5]

Question Number : 3 Question Id : 32718713324 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) Alexis Carrel. [5]
- b) Advantages and disadvantages of mitral homograft. [5]

Question Number : 4 Question Id : 32718713325 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) Non-parametric tests. [2]
- b) Principles of randomization. [2]
- c) Names of randomized multi institutional trials with respect to coronary artery bypass surgery and their salient findings. [6]

Question Number : 5 Question Id : 32718713326 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) Current indications for Fontan surgery. [4]
- b) PARTNER trial. [3]
- c) FAME trial. [3]

Question Number : 6 Question Id : 32718713327 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) LeCompte maneuver. [5]
- b) Damus-Kaye-Stansel procedure. [5]

Question Number : 7 Question Id : 32718713328 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) Etiology of lung abscess. [2]
- b) Evaluation of lung abscess. [4]
- c) Current principles of its management. [4]

Question Number : 8 Question Id : 32718713329 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 normothermic cardiopulmonary bypass.

- a) Indications. [2]
- b) Advantages. [4]
- c) Disadvantages. [4]

Question Number : 9 Question Id : 32718713330 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) Genetics and cardiovascular diseases. [4]
- b) Evaluation of such patients. [3]
- c) Prognosis of patients with such diseases. [3]

Question Number : 10 Question Id : 32718713331 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 lung transplantation:

- a) Current indications. [4]
- b) Pulmonoplegia. [3]
- c) Current status of immunosuppression. [3]