

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Cardio Vascular and Thoracic Surgery Direct 6 years course Part 1 Paper2
<b>Subject Name :</b>	DrNB Cardio Vascular and Thoracic Surgery Direct 6 years course Part 1 Paper2
<b>Creation Date :</b>	2025-01-19 09:52:37
<b>Duration :</b>	180
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<b>Display Marks:</b>	No
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## **DrNB Cardio Vascular and Thoracic Surgery Direct 6 years course Part 1 Paper2**

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872808
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100

## **DrNB Cardio Vascular and Thoracic Surgery Direct 6 years course Part 1 Paper2**

<b>Section Id :</b>	3271872811
<b>Section Number :</b>	1
<b>Section type :</b>	Offline
<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	10
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872815
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718729364 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**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 the various arterial conduits used in coronary artery bypass surgery. [2]
- b) Histological comparisons between arterial and venous conduits. [5]
- c) Crystalloid cardioplegia. [3]

**Question Number : 2 Question Id : 32718729365 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Anatomy of the cardiac muscles. [4]
- b) CT scan in cardiac surgery. [3]
- c) Low molecular weight heparin. [3]

**Question Number : 3 Question Id : 32718729366 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Alpha-1 anti-trypsin deficiency. [4]
- b) Oncogenesis of lung cancer. [3]
- c) Non-invasive positive pressure ventilatory support. [3]

**Question Number : 4 Question Id : 32718729367 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Thoracic Outlet Syndrome : Enumerate various clinical tests. [2]
- b) Various surgical approaches and their indications. [3]
- c) Single lung ventilation and its indications. [3]
- d) Acid-fast bacilli. [2]

**Question Number : 5 Question Id : 32718729368 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Differential lung function tests. [5]
- b) Trans-esophageal echocardiography : Describe various views. [5]

**Question Number : 6 Question Id : 32718729369 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Enumerate various diaphragmatic hernia. Describe management of the commonest type. [3+1]
- b) Post-pneumonectomy empyema: Describe reasons and safeguards for its occurrence. [3]
- c) Thoracic dermoid cysts. [3]

**Question Number : 7 Question Id : 32718729370 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Briefly discuss various modes of cardiac pacing. [4]
- b) Deep hypothermia. [3]
- c) Alpha Stat strategy. [3]

**Question Number : 8 Question Id : 32718729371 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Management of carotid artery stenosis in patients for coronary artery bypass surgery. [4]
- b) PARTNER trials. [3]
- c) Carvedilol. [3]

**Question Number : 9 Question Id : 32718729372 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) LA myxoma : Clinical presentation and management. [1+3]
- b) Activated clotting time. [3]
- c) Fractional flow reserve (FFR). [3]

**Question Number : 10 Question Id : 32718729373 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Cervical sympathectomy. [4]
- b) Leriche syndrome. [3]
- c) Deep vein thrombosis. [3]