

# 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>	2021-08-25 22:35:09
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No

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

<b>Group Number :</b>	1
<b>Group Id :</b>	327187381
<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
<b>Is this Group for Examiner? :</b>	No

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

<b>Section Id :</b>	327187384
<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>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	327187388
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271872331 Question Type : SUBJECTIVE**

**Correct Marks : 10**

Draw diagram/tracings of followings:

- a) Conduction system of heart. [2]
- b) First degree heart block. [2]
- c) Second degree heart block. [2]
- d) Complete heart block. [2]
- e) WPW syndrome. [2]

**Question Number : 2 Question Id : 3271872332 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Describe the anatomy of the Aortic Root. [5]
- b) Draw diagram of AV bundle in relation with Aortic Root. [2]
- c) Draw diagram showing incisions in anterior and posterior root enlargement. [3]

**Question Number : 3 Question Id : 3271872333 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Describe natural history of Ventricular Septal Defect. [5]

b) Describe histopathological changes in pulmonary vascular bed with evolving pulmonary arterial hypertension. [5]

**Question Number : 4 Question Id : 3271872334 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Define various lung volumes. [5]

b) Inference of their value. [5]

**Question Number : 5 Question Id : 3271872335 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Atrial Isomerism. [5]

b) Its clinical importance. [5]

**Question Number : 6 Question Id : 3271872336 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Pulmonary Echinococcosis. [5]

b) M-mode echocardiography in mitral stenosis. [5]

**Question Number : 7 Question Id : 3271872337 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Classification of Thoraco-abdominal aneurysm. [3]

b) Blood supply of Spinal Cord. [3]

c) Salient features of ischemia protection strategies during surgery of thoraco-abdominal aneurysm. [4]

**Question Number : 8 Question Id : 3271872338 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Definition of Minimally Invasive Cardiac Surgery (MICS). [2]

b) Various cannulation techniques in MICS. [5]

c) Various options for Aortic cross clamping in MICS. [3]

**Question Number : 9 Question Id : 3271872339 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Newer oral anticoagulant. [4]
- b) Classification of Antiarrhythmic drugs. [3]
- c) Prosthetic Graft Materials. [3]

**Question Number : 10 Question Id : 3271872340 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Water hammer pulse. [4]
- b) Kussmaul's sign. [3]
- c) Brockenbrough-Braunwald-Morrow sign. [3]