

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Cardiology Paper2
<b>Subject Name :</b>	DrNB Cardiology Paper2
<b>Creation Date :</b>	2024-05-16 18:57:03
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Cardiology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871916
<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>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Cardiology Paper2

<b>Section Id :</b>	3271871919
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<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>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271871923
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718718772 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) Head up Tilt Table testing: Types of positive Response. [5]

b) Postural Orthostatic Tachycardia Syndrome. [5]

**Question Number : 2 Question Id : 32718718773 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) Describe in brief about Repolarization Waves: U wave, J wave and Epsilon wave. [5]

b) Common Diagnostic Criteria for Bundle Branch Block. [5]

**Question Number : 3 Question Id : 32718718774 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) What is Cardiopulmonary exercise testing and its clinical application. [5]
- b) 6-minute walk test protocol and interpretation. [5]

**Question Number : 4 Question Id : 32718718775 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) Global and Regional Left Ventricular systolic function by Echocardiography. [5]
- b) Echo based estimation of Right Atrial pressure. [5]

**Question Number : 5 Question Id : 32718718776 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) High risk features in Myocardial Perfusion imaging and Exercise Stress Test. [5]
- b) Chest X-ray findings of Pulmonary Venous Hypertension and their hemodynamic correlate. [5]

**Question Number : 6 Question Id : 32718718777 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) Criteria to Diagnose Cardiac Sarcoidosis. [5]
- b) Clinical Application of CMR in Ventricular arrhythmias. [5]

**Question Number : 7 Question Id : 32718718778 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) Potential uses of Coronary Artery Calcium Testing. [5]
- b) High risk plaque characteristics of coronary artery on CCTA (Coronary Computed Tomography Angiography). [5]

**Question Number : 8 Question Id : 32718718779 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) Aortic Root Assessment by CT Scan during Trans catheter Aortic Valve Replacement. [5]
- b) Invasive Left Ventriculography: Settings, Suggested Projection and Structures observed. [5]

**Question Number : 9 Question Id : 32718718780 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) Post Myocardial Infarction Evaluation using Exercise Treadmill Test. [5]
- b) Echocardiographic findings in Acute Pulmonary Embolism. [5]

**Question Number : 10 Question Id : 32718718781 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) Bempedoic Acid. [5]
- b) PCSK 9 inhibitors. [5]