

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Cardiology Paper1
<b>Subject Name :</b>	DrNB Cardiology Paper1
<b>Creation Date :</b>	2025-01-17 20:02:57
<b>Duration :</b>	180
<b>Total Marks :</b>	100
<b>Display Marks:</b>	No
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Cardiology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872708
<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 Cardiology Paper1

<b>Section Id :</b>	3271872711
<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>	3271872715
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718728364 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. Proprotein convertase subtilisin-kexin type 9: clinical implications in health and disease. [10]

**Question Number : 2 Question Id : 32718728365 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Explain the mechanisms of cardiac contraction and relaxation along with the factors affecting it. [10]

**Question Number : 3 Question Id : 32718728366 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Trial designs, differences and clinical implications. [10]

**Question Number : 4 Question Id : 32718728367 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Myocardial strain imaging: measurement and clinically utility. [10]

**Question Number : 5 Question Id : 32718728368 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Coronary Collateral circulation: classification and clinical utility. [10]

**Question Number : 6 Question Id : 32718728369 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Collapsing pulse: mechanisms and clinical implications. [10]

**Question Number : 7 Question Id : 32718728370 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Bendopnea: mechanism and clinical significance. [10]

**Question Number : 8 Question Id : 32718728371 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Embryology and developmental defects of the interatrial septum. [10]

**Question Number : 9 Question Id : 32718728372 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Abdominojugular reflux: Clinical utility and mechanisms. [10]

**Question Number : 10 Question Id : 32718728373 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Discuss the mechanism of atherosclerosis initiation and evolution of atheroma. [10]