

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Paediatric Cardiology Paper1
<b>Subject Name :</b>	DrNB Paediatric Cardiology Paper1
<b>Creation Date :</b>	2025-01-17 20:02:47
<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 Paediatric Cardiology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872819
<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 Paediatric Cardiology Paper1

<b>Section Id :</b>	3271872822
<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>	3271872826
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 32718736494 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) Number needed to treat. [5]
- b) Z score and its use in clinical practice illustrating with an example. [5]

**Question Number : 2 Question Id : 32718736495 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Wigger's cycle. [5]
- b) Pressure volume loops in health and disease. [5]

**Question Number : 3 Question Id : 32718736496 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Pathophysiology of congenital complete heart block. [4]
- b) Fetal circulation. [6]

**Question Number : 4 Question Id : 32718736497 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Classifications of common arterial trunk and their surgical implications. [5]
- b) Left superior vena cava - implications for cardiac catheterization, intervention and surgical repair. [5]

**Question Number : 5 Question Id : 32718736498 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Basic views for fetal echocardiography. [5]
- b) Embryonic formation of pulmonary venous system and hemodynamic changes in TAPVC. [5]

**Question Number : 6 Question Id : 32718736499 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Pathophysiology of rheumatic carditis. [5]
- b) Pathophysiology and hemodynamics of patent ductus arteriosus in preterm. [5]

**Question Number : 7 Question Id : 32718736500 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Development of atrial septum. [5]
- b) Applied anatomy of superior sinus venosus defect. [5]

**Question Number : 8 Question Id : 32718736501 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Congenital heart disease in Down syndrome. [5]
- b) Classification of drugs with respect to teratogenic potential. [5]

**Question Number : 9 Question Id : 32718736502 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Pitfalls of using oximetry based assessment of cardiac hemodynamics. [5]
- b) Pros and cons of neonatal pulse oximetry screening for heart disease. [5]

**Question Number : 10 Question Id : 32718736503 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Histopathology of hypertrophic cardiomyopathy. [5]
- b) Differential cyanosis. [5]