

# 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>	2021-08-25 17:08:58
<b>Duration :</b>	180
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<b>Display Marks:</b>	No

## DrNB Paediatric Cardiology Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	327187293
<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 Paediatric Cardiology Paper1

<b>Section Id :</b>	327187296
<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>	327187300
<b>Question Shuffling Allowed :</b>	No

**Question Number : 1 Question Id : 3271871451 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Physiology of closure of Ductus arteriosus. [3]
- b) Hemodynamically significant PDA. [3]
- c) Management of PDA in a Preterm Baby. [4]

**Question Number : 2 Question Id : 3271871452 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Different transthoracic 2-D Echocardiography views, enumerate the structures visible in these views. [3+3]
- b) Utility of transesophageal echocardiography in infants. [4]

**Question Number : 3 Question Id : 3271871453 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Patho-physiology of cyanosis and the role of pulse oxymetry in detection of Hypoxemia. [3+3]
- b) Management of cyanotic spells. [4]

**Question Number : 4 Question Id : 3271871454 Question Type : SUBJECTIVE**

**Correct Marks : 10**

For a patient with d-transposition of great arteries (d-TGA), answer the following:

- a) Embryological developmental abnormalities. [3]
- b) Hemodynamics. [3]

c) Types of surgical operations performed. [4]

**Question Number : 5 Question Id : 3271871455 Question Type : SUBJECTIVE**

**Correct Marks : 10**

(a) ALCAPA-Anomalous origin of LCA from PA. [5]

(b) Abernethy syndrome in children. [5]

**Question Number : 6 Question Id : 3271871456 Question Type : SUBJECTIVE**

**Correct Marks : 10**

(a) Clinical significance of PFO. [5]

(b) Post Pericardiotomy Syndrome. [5]

**Question Number : 7 Question Id : 3271871457 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Pulmonary vasodilators and their mechanism of action. [3]

b) Plan therapy of pulmonary hypertension with appropriate doses and monitoring. [3]

c) Contraindications and adverse effects. [4]

**Question Number : 8 Question Id : 3271871458 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Risk factors for Congenital Heart Disease. [5]

b) Precatheterization assessment of large ventricular septal defect with severe pulmonary hypertension. [5]

**Question Number : 9 Question Id : 3271871459 Question Type : SUBJECTIVE**

**Correct Marks : 10**

a) Diagrammatic description of cardiac silhouette as seen on X-ray. [5]

b) Embryological abnormalities in various type of ASDs. [5]

**Question Number : 10 Question Id : 3271871460 Question Type : SUBJECTIVE**

**Correct Marks : 10**

- a) Abnormal positions of Heart & viscera using segmental approach. [5]
- b) Compare asplenia & polysplenia syndrome. [5]