

National Board of Examinations

Question Paper Name :	DrNB Paediatric Cardiology Paper1
Subject Name :	DrNB Paediatric Cardiology Paper1
Creation Date :	2023-10-15 14:11:38
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Paediatric Cardiology Paper1

Group Number :	1
Group Id :	327187822
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Paediatric Cardiology Paper1

Section Id :	327187825
Section Number :	1
Section type :	Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	327187829
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718720112 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) Data sources for estimation of burden of RF/RHD in India and their drawbacks. [5]
- b) Subclinical rheumatic carditis. [5]

Question Number : 2 Question Id : 32718720113 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) Ductus venosus: embryology and significance. [5]
- b) Importance of second heart field in cardiac development. [5]

Question Number : 3 Question Id : 32718720114 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) Discuss the location and significance of His bundle. [5]
- b) Conduction system abnormalities in atrioventricular septal defect (AVSD) & their clinical/surgical relevance. [5]

Question Number : 4 Question Id : 32718720115 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) Laplace law and its application in Cardiology. [5]
- b) Left ventricular end diastolic pressure in health and disease. [5]

Question Number : 5 Question Id : 32718720116 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) Difference between adult & fetal hemoglobin and its clinical implications. [5]
- b) Mechanism of action and clinical usage of Ivabradine. [5]

Question Number : 6 Question Id : 32718720117 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) Classification of tricuspid atresia. [5]
- b) Management options for patients with tricuspid atresia. [5]

Question Number : 7 Question Id : 32718720118 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) Hypo-osmolar and iso-osmolar contrast agents for catheter angiography. [5]
- b) Pros and cons of various echocardiographic tools for assessment left ventricle function assessment. [5]

Question Number : 8 Question Id : 32718720119 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) Pulmonary venous wedge angiography. [5]
- b) Angiographic views for various types of ventricular septal defects. [5]

Question Number : 9 Question Id : 32718720120 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) Randomized controlled trials (RCT) - conduct and importance for clinical practice. [5]
- b) Sample size: how to calculate and what is its significance. [5]

Question Number : 10 Question Id : 32718720121 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) Role of nuclear imaging in Pediatric Cardiology. [5]
- b) Differences between diagnostic and guiding catheters. [5]