

National Board of Examinations

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| Question Paper Name : | DrNB Paediatric Cardiology Paper2 |
| Subject Name : | DrNB Paediatric Cardiology Paper2 |
| Creation Date : | 2025-01-19 09:52:22 |
| Duration : | 180 |
| Total Marks : | 100 |
| Display Marks: | No |
| Share Answer Key With Delivery Engine : | No |
| Actual Answer Key : | No |

DrNB Paediatric Cardiology Paper2

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|---------------------------------|------------|
| Group Number : | 1 |
| Group Id : | 3271872820 |
| Group Maximum Duration : | 0 |
| Group Minimum Duration : | 180 |
| Show Attended Group? : | No |
| Edit Attended Group? : | No |
| Break time : | 0 |
| Group Marks : | 100 |

DrNB Paediatric Cardiology Paper2

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|--|------------|
| Section Id : | 3271872823 |
| Section Number : | 1 |
| Section type : | Offline |
| Mandatory or Optional : | Mandatory |
| Number of Questions : | 10 |
| Number of Questions to be attempted : | 10 |
| Section Marks : | 100 |
| Maximum Instruction Time : | 0 |
| Sub-Section Number : | 1 |
| Sub-Section Id : | 3271872827 |
| Question Shuffling Allowed : | No |

Question Number : 1 Question Id : 32718729484 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) Clinical approach to a case of congenital heart disease with suspected genetic disease. [5]
- b) Fetal tachycardia – detection and management. [5]

Question Number : 2 Question Id : 32718729485 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Duke criteria for infective endocarditis. [5]
- b) Fontan failure. [5]

Question Number : 3 Question Id : 32718729486 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the following for a 5-year-old child with large ventricular septal defect:

- a) Non-invasive assessment of operability. [5]
- b) Invasive assessment of operability. [5]

Question Number : 4 Question Id : 32718729487 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Echo findings in pericardial constriction. [5]
- b) Approach to an adolescent with hypertension. [5]

Question Number : 5 Question Id : 32718729488 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the following for a 21-year-old girl with primary pulmonary hypertension:

- a) Risk stratification and pharmacological management. [5]
- b) Counselling and planning pregnancy. [5]

Question Number : 6 Question Id : 32718729489 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Adenosine – mechanism of action, dosing, pharmacokinetics and indications. [5]
- b) Epicardial pacing – indications, technique and follow up. [5]

Question Number : 7 Question Id : 32718729490 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the following for a 14-month-old child with tetralogy of Fallot:

- a) Preoperative assessment. [5]
- b) Intraoperative assessment of adequacy of surgical repair. [5]

Question Number : 8 Question Id : 32718729491 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss mechanism of action, evidence and current status for use in children:

- a) ARNI for heart failure. [5]
- b) Riociguat for pulmonary hypertension. [5]

Question Number : 9 Question Id : 32718729492 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Pre-procedural planning for cardiac catheterization. [5]
- b) Occluder devices for ASD – design, characteristics and use in Pediatric Cardiology. [5]

Question Number : 10 Question Id : 32718729493 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss diagnostic and management algorithm for a neonate with pulmonary atresia with intact ventricular septum. [10]