

PAEDIATRIC CARDIOLOGY

PAPER-II

Time: 3 hours
Max. Marks:100

PED.CARD/D/19/83/II

Important Instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. How will you assess severity of valvar aortic stenosis in a one-year-old child with low cardiac output? 10
2. Discuss heart failure in neonatal and pediatric age groups. 10
3. Enumerate early and late complications after Fontan operation. 5+5
4. Discuss the definition, evaluation and management of hypertensive crisis in a 10-year-old child. 3+3+4
5. How will you diagnose and treat a premature neonate with patent ductus arteriosus? 4+6
6. a) Discuss causes and diagnosis of fetal tachyarrhythmia. (4+3)+3
b) List the commonly used drugs and their side effects.
7. a) Discuss access sites for diagnostic and therapeutic percutaneous procedures in neonates, infants and children. 5+5
b) Discuss evaluation & management of access site complications.
8. a) Neonatal hypertrophic cardiomyopathy. 5+5
b) Digoxin toxicity in children.
9. Discuss the echocardiographic imaging in patients with atrial septal defect for initial evaluation and during therapeutic intervention. 5+5
10. a) Discuss the diagnostic criteria for rheumatic fever with specific reference to recent changes. 5+5
b) Discuss the diagnostic criteria for infective endocarditis.
