

**PAEDIATRIC CARDIOLOGY**

**PAPER-II**

Time: 3 hours  
Max. Marks:100

PED.CARD/D/20/83/II

**Important Instructions:**

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *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. Echocardiographic evaluation and management options in pulmonary atresia with intact ventricular septum. 5+5
2. Enumerate indications of fetal echocardiography and discuss about therapeutic fetal interventions. 5+5
3. a) Anatomy of normal coronary arteries. 5+5  
b) Classification of congenital coronary artery anomalies.
4. a) Duke's criteria for diagnosis of infective endocarditis (IE). 5+5  
b) Indications for IE prophylaxis.
5. a) Approach to a child with syncope. 5+5  
b) Head Up Tilt (Tilt Table) test.
6. a) Duct dependent circulation in neonates and its management. 5+5  
b) Neonatal arrhythmias and their management.
7. a) Myocarditis in children. 5+5  
b) Classification of cardiomyopathy.
8. Hybrid pediatric cardiac procedures. 10
9. a) Classification of pulmonary hypertension. 2+4+4  
b) Drugs for the management PAH.  
c) Surgical options in idiopathic PAH.
10. Atrioventricular septal defect: Morphologic classification, and surgical management techniques. 5+5

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