



**PAEDIATRICS**

**PAPER – I**

PED/D/14/31/I

Time : 3 hours  
Max. Marks : 100

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part 'A' and Part 'B', each part containing 5 questions.
- Answers to questions of Part 'A' and Part 'B' are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.
- Answer sheet(s) of Part 'A' and Part 'B' are not to be tagged together.
- Part 'A' and Part 'B' should be mentioned only on the covering page of the respective answer sheet(s).
- 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.

**PART A**

Write short notes on:

1. Name the steps of morphogenesis of respiratory system. Enumerate congenital lung malformations. Describe natural course of congenital cystic adenomatoid malformation. 3+3+4
2. a) Female infanticide 5  
b) Cold chain 5
3. Define osmolarity. Discuss the mechanism of regulation of plasma osmolarity in the human body. 2+8
4. a) Karyotyping 5  
b) Child abuse 5
5. Why children are vulnerable to chemical pollutants? What are chemical pollutants in environment and their effects? What are hazards of environmental tobacco smoke in children? 3+4+3

P.T.O.