

**PAEDIATRICS**

**PAPER-IV**

TIME: 3 HOURS

PED/D/20/31/IV

MAX. MARKS: 100

**IMPORTANT INSTRUCTIONS**

- You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.
- This question paper consists of 10 short note questions. Question paper is divided into 5 Parts - A, B, C, D and E, each part containing 2 questions.
- Answers to questions of part A, part B, part C, part D & part E are to be strictly attempted in a separate answer sheet booklet which must be later tagged together at the end of the exam.
- No additional supplementary answer sheet booklet will be provided.
- Answers to question(s) attempted on an answer sheet booklet for a different part will not be evaluated.
- Part A/Part B /Part C/Part D/Part E should be mentioned on the covering page of the respective answer sheet booklet.
- 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.

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**PART- A**

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Write short notes on:

**PART- A**

1. a) Management of acute lung injury. 5+5  
b) Metabolic autopsy.
2. a) Prenatal diagnosis of genetic disorders. 5+5  
b) Hyperoxia test.

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**PART- B**

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**Write short notes on:**

**PART- B**

3. a) Oxygen dissociation curve and its clinical implication. 5+5  
b) Importance of Human milk banking.
4. a) Intergenerational cycle of malnutrition. 5+5  
b) Rapid sequential intubation.

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**PART- C**

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Write short notes on:

**PART- C**

5. a) Immunomodulators in pediatric patients. 5+5  
b) Cyberbullying.
6. a) Modes of ventilation in pediatric patients. 5+5  
b) Point of care ultrasonography in PICU.

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**PAPER-IV**

**PART- D**

TIME: 3 HOURS

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**IMPORTANT INSTRUCTIONS**

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**Write short notes on:**

**PART- D**

- |    |  |     |
|----|--|-----|
| 7. | a) Modified Glasgow Coma Scale.                  | 5+5 |
|    | b) Pediatric multisystem inflammatory syndrome.  |     |
| 8. | a) Pediatric pain management.                    | 5+5 |
|    | b) Counselling of chronic disorders in children. |     |

**PAEDIATRICS**

**PAPER-IV**

**PART- E**

TIME: 3 HOURS

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MAX. MARKS: 100

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**Write short notes on:**

**PART- E**

- |     |   |     |
|-----|---|-----|
| 9.  | a) Plasmapheresis in pediatric practice.              | 5+5 |
|     | b) Principles of gene therapy.                        |     |
| 10. | a) Prevention of COVID-19 infection.                  | 5+5 |
|     | b) Indications of IVIG therapy in pediatric practice. |     |