

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.

**PAEDIATRICS****PAPER-IV****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.

**PAEDIATRICS****PAPER-IV****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.

**PAEDIATRICS****PAPER-IV****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. | |

**PAEDIATRICS****PAPER-IV****PART - D**

TIME: 3 HOURS

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MAX. MARKS: 100

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.