

PAEDIATRICS
PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

PED/J/19/31/I

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 question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets 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 sheets.
- 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:

PART A

1. a) What are the components of hemostatic process? 5+5
Illustrate the clotting cascade.
b) What is Kangaroo mother care and enumerate its advantages?
2. a) Role of IV immunoglobulins in pediatric practice. 5+5
b) Classification of adverse event following immunization (AEFI).
3. a) Pathophysiology and treatment of cyanotic spell. (2.5+2.5)+5
b) What are the signs of liver cell failure and their pathophysiology?
4. a) What are the causes of metabolic acidosis? 5+5
b) World Health organization guidelines for breastfeeding in a baby born to HIV positive mother.
5. a) Steps in planning a randomized controlled trial. 5+5
b) Calculation of alveolar-arterial oxygen gradient and its role in diagnosis of lung diseases.

P.T.O.

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Please read carefully the important instructions mentioned on Page '1'

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

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|-----|---|-------------|
| 6. | a) Management of child when suspected of being child abused.
b) What are safe injection practices? | 5+5 |
| 7. | a) Pathophysiology of hypovolemic shock.
b) Principles of newer diagnostic tests in tuberculosis. | 5+5 |
| 8. | a) What is RBSK? Enumerate its components.
b) Approach to inborn errors of metabolism. | (2.5+2.5)+5 |
| 9. | a) Enumerate the criteria of discharge of low birth weight baby from SCNU (Special Care Newborn Unit).
b) Recent National Malaria Management Guidelines. | 5+5 |
| 10. | a) Pathway for CSF circulation and common causes of obstructive hydrocephalus.
b) Current WHO guidelines for AFP surveillance. | 5+5 |
