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. a) Define DOTS, DOT agent and DOTS Plus. 3+2+5
   b) List at least four important components of DOTS.
   c) Give the categorization of treatment strategy in DOTS.

2. a) (i) Definition of polio eradication. 1+2+3
       (ii) Polio eradication in India.
       (iii) Immunization issues following polio eradication.
   b) Near drowning. 4

3. a) Rota virus vaccine 3+3+4
    b) Conjugate vaccines
    c) HPV vaccine

4. a) Newer antimalarial drugs. 4+6
    b) Failure to thrive.

5. a) What are the demyelinating disorders of the CNS? 2+(2+2+2+2)
    b) Etiopathogenesis, clinical features, investigations and management of ADEM (Acute Demyelinating Encephalomyelitis).

P.T.O.
PAEDIATRICS

PAPER – II

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 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.

PART B

6. a) Diagnosis & management of autoimmune haemolytic anaemia. 3+3+4
   b) Developmentally supportive care in NICU.
   c) Diagnosis and management of lead poisoning.

7. a) High frequency oscillatory ventilation (HFOV). 5+5
   b) Pulmonary graphics.

8. a) CPAP for neonatal RDS. 5+5
   b) Surfactant replacement therapy.

9. a) Feeding of low birth weight babies. 5+5
   b) Probiotics in neonates.

10. a) Newer diagnostic tests for neonatal sepsis. 5+5
    b) Neonatal hemochromatosis.