

PAEDIATRICS

PAPER – II

PED/J/15/31/II

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. 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.

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Please read carefully the important instructions mentioned on Page ‘1’

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- *Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.*

PART B

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|-----|---|-------|
| 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. | |
