

PAEDIATRICS

PAPER – I

PED/J/16/31/I

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.*

Write short notes on:

PART A

1. a) Outline the steps involved in the synthesis of steroid hormones. 3+(4+3)
b) Clinical features and management of classical congenital adrenal hyperplasia.
2. Classification, etiopathogenesis and management of hemolytic uraemic syndrome. 3+4+3
3. a) Munchausen syndrome by proxy. 4+3+3
b) Meta-analysis.
c) Forest Plot graph.
4. Mechanism of action, therapeutic usage, dosages and adverse effects in children of:
a) Low molecular weight heparins 5+5
b) Magnesium sulphate.
5. a) Pathophysiology of regulation of plasma osmolality. 5+5
b) Diagnosis and management of distal renal tubular acidosis.

P.T.O.