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
   b) Magnesium sulphate. 5+5

5. a) Pathophysiology of regulation of plasma osmolality. 5+5
   b) Diagnosis and management of distal renal tubular acidosis.

P.T.O.