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 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

1. Define Chronic Kidney Disease (CKD) and its stages. What are the clinical manifestations of CKD. Outline its treatment.

2. Discuss the sequential pathological changes seen with iron deficiency state. What laboratory studies can be used to differentiate common microcytic anemias?

3. Discuss Pulmonary Function Tests and their clinical utility.

4. Discuss briefly etiology, clinical features and management of Steven Johnson syndrome.

5. Discuss the pathophysiological abnormalities in diabetic ketoacidosis. Describe the management of diabetic ketoacidosis in a child weighing 20Kg.