



PAEDIATRICS

PAPER – I

PED/J/14/31/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.*

PART A

1. Define Acute Lung Injury. Discuss the etiopathogenesis and management of a child with Acute Lung Injury. 2+(3+5)
2. Enumerate renal tubular functions and describe the tests to evaluate tubular disorders for the proximal tubule. How will you treat a child with proximal renal tubular acidosis? (3+4)+3
3. Discuss the following: 3+3+4
 - a) Student's 't' test
 - b) Sample size
 - c) Ethics in research
4. Enumerate the causes of congenital deafness. Discuss Universal Neonatal Hearing Screening. 3+7
5. Describe the development of ventricular septum. Discuss the clinical features and management of a VSD, and enumerate the indications for surgical intervention. 3+(3+2+2)