



**PAEDIATRICS**

**PAPER – II**

PED/J/14/31/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**

1. Describe the development of the ductus arteriosus. Enumerate the duct dependent lesions in the newborn and outline their management. 3+(2+5)
2. A three days old neonate is brought to the Emergency with history of not accepting feeds for one day. He is found to be lethargic with a HR of 180/min, and capillary filling time of 4secs and cold extremities. Outline your approach to this neonate along with management of the case. 4+6
3. How is urinary tract infection diagnosed? Draw an algorithm for evaluation of a child after the first episode of UTI. Describe the utility of a DMSA scan. 2+5+3
4. Discuss the aetiology, pathogenesis, clinical presentation and management of a two months old child with chronic lung disease. 2+2+2+4
5. Write short notes on: 4+3+3
  - a) Human milk fortifiers
  - b) Vitamin-D Supplementation in neonates
  - c) Medium chain triglycerides in neonatal nutrition

P.T.O.