

PEDIATRIC SURGERY

PAPER - II

PED SURG 2/D/13/29/II

Time : 3 hours

Max. Marks : 100

Important instructions:

- 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.

1. Enumerate the causes of acute pain in abdomen in a 3 year old child. Describe the diagnostic criteria and scoring systems for acute appendicitis. Discuss the management of acute non-perforated appendicitis. 3+4+3
2. Define neurocristopathy. Enumerate the simple and complex neurocristopathies related to Hirschsprung's disease. Outline the management of a new-born with suspected Hirschsprung's disease. 1+4+5
3. Give schematic representation of etiopathogenesis and causation of conjugated hyperbilirubinaemia in an infant. Discuss in detail the clinical features and diagnostic tests to differentiate between medical and surgical jaundice. 4+6
4. Enumerate the different modalities used for antenatal diagnosis of fetal malformations. Discuss the antenatal diagnosis and management of neural tube defects. 5+5
5. Describe the different types of robots used in surgery. What are the advantages of robotic surgery? What are the applications of robotic surgery in Pediatric Surgery? 2+3+5
6. Diagrammatically explain the spectrum of cloacal malformations. Discuss the diagnosis and principles of treatment of cloacal malformations. 4+6
7. Describe the stepwise evaluation of a child with ambiguous genitalia. Discuss in detail the management of 46XY DSD (Disorder of sexual differentiation). 4+6
8. Define megaureter. Discuss grading, classification and causation of megaureter Outline the management options in brief. 1+6+3
9. Classify chest wall deformities. Discuss the management of Pectus excavatum. 2+8
10. Define tracheomalacia. Discuss the etiopathogenesis, diagnosis and treatment of tracheomalacia. 2+(3+2+3)
