

**PAEDIATRIC SURGERY**

**PAPER-III**

**PED SURG 2/D/18/29/III**

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.

**Write short notes on:**

- a) Classify the cystic diseases of the kidney in children. 3+7
  - b) Describe the differentiating features of these conditions both clinically and on investigations.
- a) Enlist the indications of retrograde pyelography. 2+4+4
  - b) Give a detailed description of the procedure.
  - c) Describe the minimally invasive techniques of treatment of pelvi-ureteric junction obstruction.
- a) Discuss the metabolic work-up for a child with renal calculi. 3+4+3
  - b) What are the factors affecting treatment of renal calculus disease?
  - c) What are the dietary recommendations for children with renal calculi?
- a) Describe the pathophysiology of neuropathic bladder secondary to myelodysplasia with appropriate diagrams. 4+6
  - b) Discuss the management strategies of the above condition.
- a) What is OHVIRA? 2+3+5
  - b) Enumerate the congenital anomalies of the vagina.
  - c) Outline the management of vaginal septum diagnosed in the neonatal period.
- a) Write in brief about pyogenic granuloma. 2+4+4
  - b) Classify vascular anomalies.
  - c) Write short note on Kaposiform hemangioendothelioma.
- a) What are the causes of renal artery stenosis in children? 3+5+2
  - b) Describe the investigations required for diagnosis of renal artery stenosis.
  - c) Enlist the treatment options for renal artery stenosis. P.T.O.

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| 8.  | a) Enlist the congenital deformities of the spine.                         | 3+5+2 |
|     | b) What are the patterns of associated dysfunctions with spinal anomalies? |       |
|     | c) Classify sacral spine anomalies.  |       |
| 9.  | a) Describe subcutaneous endoscopy.  | 4+3+3 |
|     | b) What are the indications and uses of this technique?                    |       |
|     | c) What are the complications of this procedure?                           |       |
| 10. | a) Describe electron beam computed tomography.                             | 5+5   |
|     | b) Elaborate the uses and advantages of this technique.                    |       |

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