

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:

1. 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.
2. 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.
3. 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?
4. a) Describe the pathophysiology of neuropathic bladder secondary to myelodysplasia with appropriate diagrams. 4+6
b) Discuss the management strategies of the above condition.
5. 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.
6. a) Write in brief about pyogenic granuloma. 2+4+4
b) Classify vascular anomalies.
c) Write short note on Kaposiform hemangioendothelioma.
7. 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.
