

QP Code:101506

Reg. No.:.....

**M.Ch. (Paediatric Surgery) Degree Regular/Supplementary Examinations  
April 2025**

**Paper I – Basic Medical Sciences Relevant to Pediatric Surgery**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Write in brief about paediatric blunt abdominal trauma-mechanisms of injury, presentation, initial assessment, imaging and other diagnostic techniques; scoring systems and principles of management. Discuss the classification and management of renal injuries in children.

**Short essays:**

**(8x10=80)**

2. Diagnostic methods in Hirschsprung's disease.
3. Persistent pulmonary hypertension.
4. Syndromic associations with Wilms' tumour.
5. Classify burn injuries on the basis of depth of injury and write about modified rule of nine to assess burns in a child aged 5 years and its management.
6. Enumerate the derivatives of the branchial apparatus (arch, cleft and pouch) with diagrams; management of Thyroglossal cyst.
7. Discuss about the fate of structures related to the developing umbilicus; write in brief about the management of vitello-intestinal duct remnants.
8. Torticollis- aetiology, consequences and management.
9. Management of gram negative septicaemia in the newborn.

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