

QP Code:

Reg.No.:.....

**M.Ch (Paediatric Surgery) Degree Examinations
(Model Question Paper)**

Paper I – Basic Medical Sciences Relevant to Paediatric Surgery

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(20)

1. Discuss the anatomy of Pelvic floor in relation to anorectal malformation in children

Short essays:

(8x10=80)

2. Mechanism of testicular descend in the embryo
3. Physiology of CSF production and circulation
4. Steroid metabolism in relation to disorders of sexual development
5. Pharmacotherapy in congenital diaphragmatic hernia
6. Histopathology in hirschsprungs disease
7. Pain management in children
8. Vascular access in children
9. William E. Ladd

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Paper II – Practice of General Paediatric Surgery

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(20)

1. Discuss the etiopathogenesis, clinical features, investigations ,and management of Intussusception In children

Short essays:

(8x10=80)

2. Congenital inguinal hernia
3. Primary peritonitis
4. Paediatric trauma score
5. Duodenal “Wind sock”
6. Foreign body bronchus
7. Barotrauma
8. Torsion testis
9. Management of 30% burns in children

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Paper III – Practice of superspecialities of paediatric surgery

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(20)

1. Discuss the classification, clinical feature, investigation and management of vesico ureteric reflux in children.

Short essays:

(8x10=80)

2. Meningomyelocele
3. Management of CTEV
4. Craniofacial anomalies
5. Sacro coccygeal teratoma
6. Zueller –Wilson syndrome
7. Gastroschisis
8. Antenatally detected hydronephrosis
9. Congenital lobar emphysema

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Paper IV – Recent Advances in paediatric surgery

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(20)

1. Discuss the recent advances in genetics regarding Wilms tumour

Short essays:

(8x10=80)

2. ECMO
3. Foetal surgery
4. VATS in paediatric surgery
5. Role of Nitric oxide in paediatric surgery
6. Robotic surgery
7. Lipoprotein X
8. Scope of Stem cell therapy in paediatric surgery
9. Surgical management of HIV positive children
