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MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

MCh (PAEDIATRICS SURGERY) DEGREE EXAMINATION – JULY 2002

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO PAEDIATRIC SURGERY

Monday, July 01, 2002

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

- 1A. Discuss the embryology of the intestinal rotational abnormalities.
- 1B. Discuss the clinical representation and management of malrotation.

(15+15 = 30 marks)

2. Write short notes on:

- 2A. Surfactant replacement therapy
- 2B. Neuro-enteric cyst
- 2C. Torsion testis
- 2D. Minimal invasive surgery in paediatric age group
- 2E. Alpha Fetoprotein
- 2F. Sacral agenesis
- 2G. Cantrell's pentalogy

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(7 x 10 = 70 marks)



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MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2002

SUBJECT: PAPER II: REGIONAL PAEDIATRIC SURGERY

Tuesday, July 02, 2002

Time: 3 Hrs.

Max. Marks: 100

 Answer all the questions

1. Discuss the following with reference to Neuroblastoma.

1A. Clinical features

1B. Investigations

1C. Prognostic factors

1D. Management

(6+8+8+8 = 30 marks)

2. Write short notes on:

2A. Posterior urethral valves

2B. Gargroschisis

2C. Fluids and electrolyte requirement in dehydration in a baby weighing 3kg.

2D. Long term complications in patient of esophageal atresia with Tricho-Esophageal fistula.

2E. Conjoined twins.

2F. Infantile lobar emphysema

2G. N.H.L (Non Hodgkin lymphoma)

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(7 x 10 = 70 marks)



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MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2002

SUBJECT: PAPER III: RECENT ADVANCES AND NEONATAL SURGERY

Wednesday, July 03, 2002

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1. Discuss biliary atresia in reference to

1A. Etiopathogenesis and diagnosis

1B. Management

1C. Prognosis

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(10x3 = 30 marks)

2. Write short notes on:

2A. Cloaca

2B. Extrophy Bladder

2C. Ano rectal manometry

2D. Sacro coccygeal teratoma

2E. Split notochord syndrome

2F. Management of antinatally diagnosed pelvi-ureteric obstruction

2G. Branchial sinus

(7 x 10 = 70 marks)

