MANIPAL ACADEMY OF HIGHER EDUCATION (Deemed University)

MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION PAPER I : BASIC SCIENCES RELATED TO PAEDIATRIC SURGERY

Monday, 03 July 2000

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Time available: 3 hours

Maximum marks: 100

Answer ALL the questions

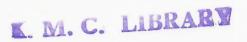
☐ Illustrate your answers with diagrams wherever appropriate

- 1 A. Describe development of duodenum.
- 1 B. Discuss pathophysiology of duodenal obstruction.

(15+15=30 marks)

- 2. Write short note on:
- 2 A. Diagnosis of Hirschsprung's disease
- 2 B. Metabolic acidosis.
- 2 C. Chemotherapy for rhabdomyosarcoma
- 2 D. Hormonal response to surgery
- 2 E. Alpha-Fetoprotein
- 2 F. Air block syndrome
- 2 G. Life cycle of Echinococcus granulosus

(10x7 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION (Deemed University)

MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION PAPER II: REGIONAL PAEDIATRIC SURGERY

Tuesday, 04 July 2000

Time available: 3 hours Maxim

Maximum marks: 100

O Answer ALL the questions

Illustrate your answers with diagrams wherever appropriate

- 1 A. How will you organize a regional paediatric trauma center?
- 1 B. Discuss the investigations, diagnosis and management of blunt abdomen in a child. (10+20=30 marks)
- 2. Write short note on:
- 2 A. Congenital cystic adenamatoid malformations of lung
- 2 B. Testicular feminization syndrome
- 2 C. Volvulus of stomach
- 2 D. Evaluation of vaginal bleeding in a preadolescent girl
- 2 E. Shaking impact syndrome of infancy
- 2 F. Congenital oesophageal stenosis
- 2 G. Beckwith Weidemann syndrome

(10x7 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION (Deemed University)

MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION PAPER III : RECENT ADVANCES AND NEONATAL SURGERY

Wednesday, 05 July 2000

Time available: 3 hours

Maximum marks: 100

• Answer ALL the questions

- Illustrate your answers with diagrams wherever appropriate
- 1. Discuss hypospedias
- 1 A. Embryology
- 1 B. Classification
- 1 C. Associated Anomalies
- 1 D. Surgical principles of treatment of hypospedias

(5+5+5+15=30 marks)

- 2. Write short notes on:
- 2 A. Neonatal Thermoregulation
- 2 B. Nutritional Repletion during Metabolic stress and growth recovery
- 2 C. Meconium Pseudocyst
- 2 D. Difficulty in breathing in a neonate
- 2 E. Germ cell Tumors
- 2 F. Cloacal extrophy
- 2 G. Renal vein thrombosis

(10x7=70 marks)

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