

MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

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

Monday, 03 July 2000

Time available : 3 hours

Maximum marks : 100

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- Answer ALL the questions
 Illustrate your answers with diagrams wherever appropriate
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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)



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

Tuesday, 04 July 2000

Time available : 3 hours

Maximum marks : 100

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- Answer ALL the questions
 Illustrate your answers with diagrams wherever appropriate
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- 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 adenomatoid 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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MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION
PAPER III : RECENT ADVANCES AND NEONATAL SURGERY

Wednesday, 05 July 2000

Time available : 3 hours

Maximum marks : 100

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- Answer ALL the questions
 - Illustrate your answers with diagrams wherever appropriate
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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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