

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

MCh (PAEDIATRICS SURGERY) DEGREE EXAMINATION – JULY 2001

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO PAEDIATRIC SURGERY

Monday, July 09, 2001

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1A. Describe the development of esophagus and surgical anatomy of “Lower esophageal sphincter”.

1B. Discuss the clinical features, diagnosis and management of gastro-esophageal reflux.

(15+15 = 30 marks)

2. Write short notes on:

2A. Embryology of annular pancreas

2B. Cytokines

2C. Neonatal sepsis

2D. Fine needle aspiration cytology

2E. Thermoregulation in newborn

2F. Endodermal sinus tumour

2G. Prognostic factors in neuroblastoma

(7 x 10 = 70 marks)

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MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2001

SUBJECT: PAPER II: REGIONAL PAEDIATRIC SURGERY

Tuesday, July 10, 2001

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1. Discuss the following with reference to a mass abdomen in the infant:
 - 1A. Clinical features
 - 1B. Investigations
 - 1C. Differential diagnosis
 - 1D. Management

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

2. Write short notes on:
 - 2A. Craniosynostosis
 - 2B. Gastrointestinal duplication
 - 2C. Intestinal neuronal dysplasia
 - 2D. Short bowel syndrome
 - 2E. Day care surgery in children
 - 2F. Vesico-ureteral reflux
 - 2G. Pulmonary sequestration

(7 x 10 = 70 marks)

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MCh (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2001

SUBJECT: PAPER III: RECENT ADVANCES AND NEONATAL SURGERY

Wednesday, July 11, 2001

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions

1. Discuss the posterior urethral valve in newborn child with reference to:
 - 1A. Clinical features
 - 1B. Diagnosis
 - 1C. Classification
 - 1D. Pathophysiology
 - 1E. Management

(5+5+5+5+10 = 30 marks)

2. Write short notes on:
 - 2A. Gastroschisis
 - 2B. Esophageal replacement
 - 2C. Waardenberg's syndrome
 - 2D. Neonatal torsion testis
 - 2E. Role of laparoscopy in a child with acute abdomen
 - 2F. Congenital chylothorax
 - 2G. Cryosurgery

(7 x 10 = 70 marks)

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