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MANIPAL UNIVERSITY

M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER I: BASICS IN PAEDIATRIC SURGERY

Monday, July 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL questions.

1. Essay:

- 1A. Describe the portal venous system and the various causes of portal hypertension in children.
- 1B. What are the clinical features, diagnosis and management of portal hypertension?

(10×2 = 20 marks)

2. Write short notes on:

- 2A. Hypertrophic pyloric stenosis
- 2B. Varicocele
- 2C. Annular pancreas
- 2D. Meckels diverticulum
- 2E. Pouch colon
- 2F. Sturge weber syndrome
- 2G. Osteomyelitis
- 2H. Birth trauma

(10×8 = 80 marks)



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MANIPAL UNIVERSITY

M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER II: GENERAL PAEDIATRIC SURGERY

Tuesday, July 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

1. Essay:

- 1A. Describe the development of trachea and oesophagus. Classify the various types of oesophageal atresia with TOF.
- 1B. What are the clinical features diagnosis and management of patient with long gap oesophageal atresia?

(10×2 = 20 marks)

2. Write short notes on:

- 2A. Lymph oedema
- 2B. Pierre – Robin Complex
- 2C. Cloaca
- 2D. Congenital lobar emphysema
- 2E. Choledochocoele
- 2F. Burkitts lymphoma
- 2G. Non operative management of intussusception
- 2H. Cardiac tamponade

(10×8 = 80 marks)



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MANIPAL UNIVERSITY

M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER III: NEONATAL SURGERY AND PAEDIATRIC UROLOGY

Wednesday, July 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL questions.

1. Essay:

- 1A. Discuss the various causes of bilious vomiting in a newborn baby.
1B. Describe the clinical features diagnosis and management of malrotation in a new born.

(10×2 = 20 marks)

2. Write short notes on:

- 2A. Invertogram
2B. CTEV
2C. Hepatoblastoma
2D. Congenital cystic adenomatoid malformation
2E. Intraventricular haemorrhage
2F. Valve bladder
2G. Transitional nephrology
2H. Adrenal haemorrhage

(10×8 = 80 marks)



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MANIPAL UNIVERSITY

M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER IV: RECENT ADVANCES IN PAEDIATRIC SURGERY

Thursday, July 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL questions.**

1. Essay:

- 1A. Describe the pathophysiology of hydronephrosis due to pelvi ureteric junction obstruction.
- 1B. Discuss the diagnosis, prognostic factors and the management of antenatally detected hydronephrosis.

(10×2 = 20 marks)

2. Write short notes on:

- 2A. Uses of laser in paediatric surgery
- 2B. Cytokines
- 2C. Gene therapy
- 2D. PET scan
- 2E. Bilateral Wilms tumour
- 2F. ECMO
- 2G. Pyriform sinus fistula
- 2H. Patent Ductus Arteriosus [PDA]

(10×8 = 80 marks)

