

MANIPAL UNIVERSITY**M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2014****SUBJECT: PAPER I: BASICS PAEDIATRIC SURGERY**

Saturday, July 05, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.**1. Essay:**

- 1A. Describe the normal sexual differentiation.
- 1B. How do you assign the sex of a new born the ambiguous genitalia.

(10 marks × 2 = 20 marks)

2. Write short notes on:

- 2A. Malignant hyperthermia
- 2B. Torsion testis
- 2C. Torticollis
- 2D. Duplication cyst
- 2E. Surfactant
- 2F. Spherocytosis
- 2G. Septic arthritis
- 2H. Broncho malacia

(10 marks × 8 = 80 marks)



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M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2014

SUBJECT: PAPER II: GENERAL PAEDIATRIC SURGERY

Monday, July 07, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Describe various cystic lesions in lung and discuss management of lung cyst
2. Classify choledochal cyst and management of typeIV choledochal cyst
3. Pathophysiology of Hirschsprung's disease
4. Investigations of Anorectal Malformations
5. Complications of splenectomy
6. Classification of Portal Hypertension and management of bleeding varices
7. Long-term follow up of biliary atresia
8. Laparoscopic appendectomy
9. Peutz-Jeghers Syndrome
10. Indications and complications of Rigid Bronchoscopy

(10 marks × 10 = 100 marks)



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M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2014
SUBJECT: PAPER III: NEONATAL SURGERY AND PAEDIATRIC UROLOGY

Wednesday, July 09, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Classification of Congenital Pouch colon and its neonatal management
2. Discuss differential diagnosis of malrotation
3. Management of meconium ileus
4. Causes of Neonatal Ascites
5. Management of Exomphalus Major
6. Classify megaureter and discuss management of Prune-Belly Syndrome
7. Discuss postnatal management of antenatally detected Posterior Urethral Valves
8. Snodgrass Repair
9. Management of Testicular Feminization Syndrome
10. Ectopic ureterocoele

(10 marks × 10 = 100 marks)



MANIPAL UNIVERSITY**M.Ch. (PAEDIATRIC SURGERY) DEGREE EXAMINATION – JULY 2014****SUBJECT: PAPER IV: RECENT ADVANCES IN PAEDIATRIC SURGERY**

Friday, July 11, 2014

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. Essay:

1A. What are the various techniques for the central venous access.

1B. Give the merits and demerits of various techniques, its complication and treatment.

(10 marks × 2 = 20 marks)

2. Write short notes on:

2A. Targeted therapy

2B. PNET

2C. Sacrococcygeal teratoma

2D. Pain management in children

2E. Bariatric surgery

2F. Total aganglionosis of colon

2G. Tissue expanders

2H. Management gastro oesophageal reflux

(10 marks × 8 = 80 marks)

