

0719E244

Candidate's Seat No : _____

M.Ch. Examination
Branch VII : Paediatrics Surgery
Paper-I
(Applied Basic Sciences)

Date : 02-07-2019, Tuesday]

[Time : 3 Hours

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.
 (2) Draw diagram wherever necessary.
 (3) Write legibly.

Q.1. Describe the physiology of normal Cerebro Spinal Fluid circulation with regards to production, circulation and absorption of Cerebro Spinal Fluid. Outline the types and various management options of Hydrocephalus. 20

Q.2. Describe the development of Biliary tract. Briefly outline the various biochemical changes in Biliary atresia and enumerate the Histological findings in a case of biliary atresia. 20

Q.3. Describe the development of diaphragm. Discuss the pathophysiology of respiratory distress in a newborn diaphragmatic hernia. 20

Q.4. Describe Fetal circulation and its transition into postnatal life. Write briefly on persistent fetal circulation. 20

Q.5. Write notes on:

a) Role of Urodynamics in neurogenic bladder 10

b) Genetics in Wilm's Tumor. 10

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0719E265

Candidate's Seat No : _____

M.Ch. Examination
Branch VII : Paediatrics Surgery
Paper-II
(Paediatrics Surgery)

Date : 05-07-2019, Friday]

[Time : 3 Hours

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.
(2) Draw diagram wherever necessary.
(3) Write legibly.

- Q.1. Discuss the Classification, Diagnosis and Surgical management of anorectal anomalies. 20
- Q.2. Discuss the Anatomical classification, Diagnosis, Clinical features of Esophageal atresia 20 with trachea-esophageal fistula. Enumerate the various treatment options for Long gap esophageal atresia.
- Q.3. Elaborate on the Classification, Diagnosis, Management and Complications Jejunio ileal atresia. 20
- Q4. Discuss The Etiology, Classification and management of Choledochal cyst. 20
- Q.5. Write notes on:
- a) Infantile Hypertrophic Pyloric Stenosis. 10
- b) Congenital lobar Emphysema. 10
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M.Ch. Examination
Branch VII : Paediatrics Surgery
Paper-III
(Paediatrics Surgery)

Date : 08-07-2019, Monday]

[Time : 3 Hours

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.
(2) Draw diagram wherever necessary.
(3) Write legibly.

Q.1. Classify Germ cell tumours. Describe the presentation, investigations and management in a case of Sacrococcygeal teratoma. (20)

Q.2. Discuss PUV (Posterior Urethral Valves) with respect to Classification of valves, Pathological changes, Investigation and Surgical Management. (20)

Q.3. Discuss the segmental anatomy of the right Lung. How would you investigate and manage a hydatid cyst occupying the right lobe of the lung with associated elevated right half of diaphragm. (20)

Q.4. Describe the pathophysiology of Childhood Empyema. Discuss the various management options including the role of Thoracoscopy. (20)

Q.5. Write notes on:

a) Beckwith- Wiedeman syndrome. (10)

b) Hernia Uteri Inguinalis. (10)

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0719E306

Candidate's Seat No : _____

M.Ch. Examination
Branch VII : Paediatrics Surgery
(Modern Trends & Development in Surgery)
Paper-IV

Date : 10-07-2019, Wednesday]

[Time : 3 Hours

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.
(2) Draw diagram wherever necessary.
(3) Write legibly.

Q.1. Describe the etiopathogenesis of Intussusception in infants and describe the various non (20)
surgical methods of Intussusception reduction.

Q.2. Describe the principles of da Vinci Robotic Surgery in Children. Discuss the applications (20)
and limitations of Robotic surgery in Children.

Q.3. Classify Vascular malformations in Children. Discuss the recent trends in the management (20)
of Vascular Malformation in Children.

Q.4. Discuss the indications and principles of Laparoscopic Surgery in Neonates. (20)

Q.5. Write notes on:

a) EXIT procedure. (10)

b) Endoscopic IIIrd Ventriculostomy. (10)
