

**PAEDIATRIC SURGERY (PART II/ FINAL)**

**PAPER-III**

Time: 3 hours

PED.SURG/D/20/29/III

Max. Marks:100

**Important Instructions:**

- *You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.*
- *Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.*
- *No additional supplementary answer sheet booklet will be provided.*
- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

**Write short notes on:**

1. a) Indications of antenatal intervention in posterior urethral valves. 3+4+3  
b) Role of diversion in bladder exstrophy.  
c) Mitchell's epispadias repair.
2. a) Endoscopic classification of posterior urethral valves. 2+4+2+2  
b) Role of diversion in management of posterior urethral valves.  
c) Urethral ratio.  
d) Use Alpha blockers in management of posterior urethral valves.
3. a) Enumerate examples of slow-flow and fast-flow vascular anomalies. 3+3+4  
b) Pharmacotherapy of infantile hemangiomas.  
c) Hepatic hemangioendothelioma.
4. a) Classification of hypospadias with suitable diagram. 2+4+4  
b) Etiology of hypospadias.  
c) Draw an algorithm for hypospadias repair.
5. a) Heteropagus twins. 2+5+3  
b) Classification of symmetric conjoined twins according to type of fusion.  
c) Urological anomalies in ischiopagus tetrapus conjoined twins.
6. a) Tethered cord syndrome. 3+3+4  
b) Differences between obstructive and non-obstructive hydrocephalus.  
c) Complications of shunt surgery.
7. a) Indications of bladder augmentation. 3+4+3  
b) Pros and cons of different types of bladder augmentation.  
c) Complications of bladder communication.
8. a) Indications of surgery of vesico-ureteral reflux. 3+4+3  
b) Different operative procedures for vesico-ureteral reflux with suitable diagrams.  
c) STING vs HIT procedures. **P.T.O**

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9.    a) Complications of cryptorchidism. 3+3+2+2  
      b) Management of bilateral impalpable undescended testis.  
      c) Complications of orchidopexy.  
      d) Ectopic testes.
10.   a) Difference between Robotics & Laparoscopic Surgery. 3+2+3+2  
      b) LLEC scan.  
      c) Nephron sparing surgery for unilateral non-syndromic Wilms' tumor.  
      d) EXIT (ex-utero intra-partum treatment).

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