

# National Board of Examinations

**Question Paper Name :** DrNB Paediatric Surgery Paper3  
**Subject Name :** DrNB Paediatric Surgery Paper3  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718740744 Consider As Subjective : Yes**

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

- a) Describe the expected urodynamic findings of a 4-year-old child with untreated posterior urethral valves and the change in the urodynamic parameters over time after adequate fulgration with and without pharmacotherapy. [5]  
b) Management of a 12-year-old boy, known case of posterior urethral valves (PUV) with persistent urinary dribbling after cystoscopic fulgration of PUV 1 year back. [5]

**Question Number : 2 Question Id : 32718740745 Consider As Subjective : Yes**

- a) What are image defined risk factors(IDRF)? Enumerate the IDRF for retroperitoneal neuroblastoma. [5]  
b) Stage IVS neuroblastoma. [5]

**Question Number : 3 Question Id : 32718740746 Consider As Subjective : Yes**

- a) Embryological basis of omphalocele. [5]
- b) Presentation and management of a 3kg neonate with a large omphalocele. [5]

**Question Number : 4 Question Id : 32718740747 Consider As Subjective : Yes**

- a) State Weigert Meyer law and explain briefly the embryological basis. [5]
- b) Management of a 4 year girl with incontinence due to right ureteric duplication. Differential function of right upper and lower moiety being 3% and 36% respectively. [5]

**Question Number : 5 Question Id : 32718740748 Consider As Subjective : Yes**

- a) Classify vascular lesions in children. [5]
- b) List the non-surgical agents for management of infantile hemangiomas with their mechanism of action. [5]

**Question Number : 6 Question Id : 32718740749 Consider As Subjective : Yes**

- a) What is the principle of PET scan? [4]
- b) Briefly describe the current role of PET scan in paediatric solid tumours. [6]

**Question Number : 7 Question Id : 32718740750 Consider As Subjective : Yes**

- a) Scope of fetal surgery in paediatric surgical conditions. [5]
- b) EXIT procedure. [5]

**Question Number : 8 Question Id : 32718740751 Consider As Subjective : Yes**

- a) Principles of use of indocyanin green in paediatric surgery. [5]
- b) Application of indocyanin green in paediatric surgical oncology. [5]

**Question Number : 9 Question Id : 32718740752 Consider As Subjective : Yes**

Anorectal manometry:

- a) Principles and interpretation. [5]
- b) Indications and uses in Paediatric Surgery. [5]

**Question Number : 10 Question Id : 32718740753 Consider As Subjective : Yes**

Vesicoureteric reflux:

a) Vesicoscopic reimplantation. [5]

b) Endoscopic management of vesicoureteric reflux. [5]