

National Board of Examinations

Question Paper Name : DrNB Paediatric Surgery Direct 6 years course Part 1 Paper2
Subject Name : DrNB Paediatric Surgery Direct 6 years course Part 1 Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740754 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

1. a) Define tumour marker. [2]
b) Enumerate the common tumour markers in paediatric solid tumours with a brief note on each. [8]

Question Number : 2 Question Id : 32718740755 Consider As Subjective : Yes

Diaphragmatic hernia:

- a) Describe embryology of diaphragm with special emphasis on pathogenesis of Bochdalek hernia. [5]
b) Enumerate the anatomical prognostic factors in case of congenital diaphragmatic hernia. [5]

Question Number : 3 Question Id : 32718740756 Consider As Subjective : Yes

- a) Classify vascular lesions in children. [4]
- b) Mechanism of action of propranolol in hemangiomas. [3]
- c) Enumerate various treatment modalities for venous malformations. [3]

Question Number : 4 Question Id : 32718740757 Consider As Subjective : Yes

Pathophysiology, clinical features, staging and management of Hirschsprung's associated enterocolitis. [2+2+3+3]

Question Number : 5 Question Id : 32718740758 Consider As Subjective : Yes

- a) Enumerate the different modes of mechanical ventilation. [5]
- b) Principles of high frequency ventilation in children and paediatric surgical conditions in which it is used. [5]

Question Number : 6 Question Id : 32718740759 Consider As Subjective : Yes

- a) Indications, pre-requisites and contraindications of non-operative reduction of intussusception. [5]
- b) Various modes of presentation of Meckel's diverticulum in children and diagnostic modalities. [5]

Question Number : 7 Question Id : 32718740760 Consider As Subjective : Yes

- a) Describe the embryology of renal and ureteric duplications. [4]
- b) State the Weigert Meyer law as applied to ureteric duplications. [2]
- c) Enumerate the common pathologies associated with upper and lower moiety ureters. [4]

Question Number : 8 Question Id : 32718740761 Consider As Subjective : Yes

- a) Describe very briefly, different possible clinical presentations of child with posterior urethral valves. [5]
- b) Define valve bladder syndrome and briefly discuss its pathophysiology. [5]

Question Number : 9 Question Id : 32718740762 Consider As Subjective : Yes

- a) Classify anorectal malformations in males and females as per Krickenberg classification. [5]
- b) Enumerate other malformations and syndromes associated with anorectal malformations. [5]

Question Number : 10 Question Id : 32718740763 Consider As Subjective : Yes

- a) Describe NWTS staging of Wilms' tumour. [5]
- b) Define nephrogenic rests and its types. [5]