

National Board of Examinations

Question Paper Name : DrNB Paediatric Surgery Paper1
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DrNB Paediatric Surgery Paper1

Group Number : 1
Group Id : 3271872014
Group Maximum Duration : 0
Group Minimum Duration : 180
Show Attended Group? : No
Edit Attended Group? : No
Group Marks : 100
Is this Group for Examiner? : No
Examiner permission : Cant View
Show Progress Bar? : No

DrNB Paediatric Surgery Paper1

Section Id : 3271872017
Section Number : 1
Section type : Offline

Mandatory or Optional :	Mandatory
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872021
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718726083 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

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. Describe the theories for formation of congenital diaphragmatic hernia (CDH). Discuss the pathological changes in the lungs in cases of CDH and discuss the management implications due to these changes. [3+3+4]

Question Number : 2 Question Id : 32718726084 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

How will you evaluate a 4 year child with blunt abdominal trauma presenting in the emergency room? Describe the diagnosis and treatment of splenic injuries. [4+3+3]

Question Number : 3 Question Id : 32718726085 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Outline the principles of chemotherapy for solid tumours in children. Enumerate the specific toxicities. Enumerate the role and dose of chemotherapy in management of a child with Wilms' tumour? [4+2+4]

Question Number : 4 Question Id : 32718726086 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss liver anatomy in detail. Enumerate interventional (non surgical) options for management of a child with hepatoblastoma. What are the contraindications of pediatric liver transplantation in such cases? [4+3+3]

Question Number : 5 Question Id : 32718726087 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the fluid and electrolyte imbalance and biochemical alterations in an infant with persistent vomiting due to upper gastrointestinal obstruction (prepyloric and post-pyloric). How do you correct these pre-operatively? [5+5]

Question Number : 6 Question Id : 32718726088 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss the causes and types of fecal incontinence in children. Briefly outline the management of fecal incontinence in children. [(2+3)+5]

Question Number : 7 Question Id : 32718726089 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss antenatal diagnosis for fetal structural anomalies under the following sub headings:

- a) Screening tests for aneuploidy and neural tube defects. [4]
- b) Anomaly scan. [3]
- c) Fetal MRI. [3]

Question Number : 8 Question Id : 32718726090 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Describe in detail alongwith one example each the following research studies:

- a) Cross sectional study. [4]
- b) Randomized control trial. [3]
- c) Cohort studies. [3]

Question Number : 9 Question Id : 32718726091 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Discuss intestinal duplications under the following subheadings:

- a) Diagnostic criteria. [3]
- b) Types. [2]
- c) Postnatal management. [5]

Question Number : 10 Question Id : 32718726092 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

a) Immunohistochemistry in the diagnosis of pediatric solid tumors. [4]

b) Congenital Mesoblastic Nephroma. [3]

c) EXIT procedure. [3]