

National Board of Examinations

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

Group Number :	1
Group Id :	3271871405
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 :	3271871408
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 :	3271871412
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718713132 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. a) Describe the embryology of development of the diaphragm. [5]
- b) What are the different types of diaphragmatic hernias? [5]

Question Number : 2 Question Id : 32718713133 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) Classify renal tumours in children. [5]
- b) Write a short note on clear cell sarcoma of kidney, its diagnosis and management. [5]

Question Number : 3 Question Id : 32718713134 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) Enumerate the different prognostic markers of neuroblastoma. [5]
- b) What is opsomyoclonus and how is it managed? [3+2]

Question Number : 4 Question Id : 32718713135 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 pediatric liver transplantation under the following headings:

- a) Indications. [4]
- b) Types of liver transplant. [4]
- c) Complications. [2]

Question Number : 5 Question Id : 32718713136 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) Classify research study designs. [5]
- b) How do you calculate sample size? [3]
- c) Define p-value. [2]

Question Number : 6 Question Id : 32718713137 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) How do you calculate different degree of dehydrations in pediatric patients? [5]
- b) Describe the management of a 10 kg child with peritonitis and severe dehydration. [5]

Question Number : 7 Question Id : 32718713138 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) Classify grades of renal trauma. [5]
- b) Outline the management of a child with blunt renal trauma. [5]

Question Number : 8 Question Id : 32718713139 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 management of a neonate with left congenital diaphragmatic hernia presenting with initial ABG of:

pH: 7.1

PCO₂: 69

PO₂: 56

LAC: 6.7

HCO₃: 15

under the following sub-headings:

- a) Ventilatory management. [4]
- b) Fluid and electrolyte management. [3]
- c) Monitoring parameters in preparation for surgery. [3]

Question Number : 9 Question Id : 32718713140 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 management of a neonate with suspected posterior urethral valves and obstructive uropathy under the following sub headings:

- a) Diagnosis. [4]
- b) Stabilization. [4]
- c) Definitive management. [2]

Question Number : 10 Question Id : 32718713141 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 under the following headings:

- a) First and Second trimester screening tests. [4]
- b) Second trimester anomaly scan. [4]
- c) Amniocentesis. [2]