

National Board of Examinations

Question Paper Name :	DrNB Paediatric Surgery Direct 6 years course Part 1 Paper2
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Actual Answer Key :	No

DrNB Paediatric Surgery Direct 6 years course Part 1 Paper2

Group Number :	1
Group Id :	327187771
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 Direct 6 years course Part 1 Paper2

Section Id :	327187774
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 : 327187778
Question Shuffling Allowed : No
Is Section Default? : null

Question Number : 1 Question Id : 3271876792 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) Neonatal hypoglycemia--diagnostic criteria and presentations. [3]
- b) Management of neonatal hypoglycemia (pre/intra and post operative). [4]
- c) Management of hyperkalemia in neonatal surgical cases. [3]

Question Number : 2 Question Id : 3271876793 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) What are the maternal risks of fetal surgery. [3]

b) Discuss in detail the antenatal pathophysiology, intervention and prognostication of congenital pulmonary airway malformation. [2+3+2]

Question Number : 3 Question Id : 3271876794 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 robotic surgical systems. [2]
- b) What are the advantages and limitations of robotic surgery. [4]
- c) Discuss innovations in pediatric surgical training. [4]

Question Number : 4 Question Id : 3271876795 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) Management of compromised breathing in an injured child due to various causes. [4]
- b) Draw an algorithm for use of angiographic embolization in patients with solid organ injury. [2]
- c) Discuss the pathophysiology and management of abdominal compartment syndrome after trauma. [4]

Question Number : 5 Question Id : 3271876796 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) Approach to a neonate born with abdominal lump. [5]
- b) Give algorithm for management of a neonate antenatally diagnosed to have unilateral hydronephrosis. [5]

Question Number : 6 Question Id : 3271876797 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) Discuss causes and pathophysiology of caustic esophageal strictures. [5]
- b) Discuss advantages and disadvantages of various routes of positioning an esophageal substitute. [3]
- c) What are the causes of recurrence of reflux after fundoplication. [2]

Question Number : 7 Question Id : 3271876798 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) Discuss embryogenesis of various umbilical defects. [3]
- b) Discuss antenatal considerations and prognostication upon diagnosis of an anterior abdominal defect in utero. [4]
- c) Preoperative considerations in a baby born with gastroschisis. [3]

Question Number : 8 Question Id : 3271876799 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) Discuss role of hormones in diagnosis and management of cryptorchidism. [4]
- b) Discuss operative techniques, post-operative care and prognosis of a newborn with multiple small bowel atresias. [6]

Question Number : 9 Question Id : 3271876800 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) Discuss non-operative management of meconium ileus. [3]
- b) Discuss principles of doing a Meckel scan. [3]
- c) Principles of various radiologic methods of reduction of intussusception. [4]

Question Number : 10 Question Id : 3271876801 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) Genetics of Hirschsprung's disease. [2]
- b) Diagnostic criteria for Hirschsprung's disease. [3]
- c) Discuss the management of Hirschsprung's associated enterocolitis. [5]