

National Board of Examinations

Question Paper Name :	DrNB Paediatric Surgery Paper1
Subject Name :	DrNB Paediatric Surgery Paper1
Creation Date :	2022-06-25 17:18:39
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Paediatric Surgery Paper1

Group Number :	1
Group Id :	3271871061
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Paediatric Surgery Paper1

Section Id :	3271871064
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 :	3271871068
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271879662 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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 briefly the stages of development of the lung. Discuss the different classifications for congenital cystic adenomatoid malformations (CCAM) of the lung. Briefly outline the management of antenatally diagnosed CCAM. [3+3+4]

Question Number : 2 Question Id : 3271879663 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Outline the mechanism of actions of different chemotherapeutic drugs used for solid tumors in children. Enumerate their specific toxicities. Describe briefly the management of febrile neutropenia in a child receiving chemotherapy? [4+4+2]

Question Number : 3 Question Id : 3271879664 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Describe the Pediatric Glasgow Coma Scale (GCS) and Pediatric Trauma Score (PTS). Define Injury Severity Score (ISS) for patients with multiple traumas? [4+3+3]

Question Number : 4 Question Id : 3271879665 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss Germ cell tumors in children under the following sub-headings:

- a) Embryogenesis. [3]
- b) Pathological types. [4]
- c) Tumour markers for diagnosis and management. [3]

Question Number : 5 Question Id : 3271879666 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss pediatric renal transplantation under the following sub-headings:

- a) Indications. [3]
- b) Types. [3]
- c) Pre-operative assessment. [2]
- d) Immunosuppressant drugs required. [2]

Question Number : 6 Question Id : 3271879667 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss neonatal shock under the following sub-headings:

- a) Types. [2]
- b) Diagnosis [3]
- c) Protocol for management. [5]

Question Number : 7 Question Id : 3271879668 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the innervation of the urinary bladder and the external urinary sphincter. Classify and enumerate the various drugs used for pharmacological management of neurogenic bladder and discuss briefly the mechanism of action of these drugs. [5+5]

Question Number : 8 Question Id : 3271879669 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss research studies under:

- a) Hierarchy in level of evidence. [4]
- b) Randomised control trial (RCT). [3]
- c) Cohort studies. [3]

Question Number : 9 Question Id : 3271879670 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Enumerate and discuss the changes in the acid-base and serum biochemistry in a case of hypertrophic pyloric stenosis of long duration. Discuss the pre-operative correction and optimization of the altered acid-base status and serum biochemistry in such cases. [5+5]

Question Number : 10 Question Id : 3271879671 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) PET scan. [4]
- b) Lasers in pediatric surgery. [3]
- c) 3 D reconstructions. [3]