National Board of Examinations

Question Paper Name :	DrNB Paediatric Surgery Paper3
Subject Name :	DrNB Paediatric Surgery Paper3
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Actual Answer Key :	No

DrNB Paediatric Surgery Paper3

Group Number :	1
Group Id :	3271871063
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 Paper3

Section Id :	3271871066
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 :	3271871070
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271879682 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. What are the indications of surgery for portal hypertension in children? Discuss briefly the different non-shunt procedures and shunt procedures for the management of portal hypertension in children. [4+(3+3)]

Question Number : 2 Question Id : 3271879683 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss briefly the anatomical and pathophysiological changes in upper and lower urinary tract in a case of posterior urethral valve (PUV). Discuss recent advances in fetal intervention in lower urinary tract obstruction. Briefly discuss the PLUTO trial. [4+4+2]

Question Number : 3 Question Id : 3271879684 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the embryology of anorectal malformations (ARM). Classify cloacal anomalies and outline the principles of evaluation and management of a newborn girl with persistent cloaca. [4+(3+3)]

Question Number : 4 Question Id : 3271879685 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Elaborate on embryology of the female reproductive system. Discuss vaginal agenesis and congenital vaginal obstruction and describe briefly the evaluation and management of these conditions. [3+(3+4)]

Question Number : 5 Question Id : 3271879686 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

a) Tissue engineering in pediatric surgery. [4]
b) ICG fluorescence technology and its usefulness in pediatric laparoscopic and robotic surgery. [3]
c) Fetal MRI. [3]

Question Number : 6 Question Id : 3271879687 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Classify disorders of sexual differentiation (DSD). Describe briefly the various types of 46 XY DSD. [5+5]

Question Number : 7 Question Id : 3271879688 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the embryology, types and diagnosis of ureteral duplication anomalies. [4+3+3]

Question Number : 8 Question Id : 3271879689 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Classify rhabdomyosarcoma (RMS). Discuss briefly the presentation, evaluation, management and the prognostic factors in a case of paratesticular RMS. [4+6]

Question Number : 9 Question Id : 3271879690 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss management of anorectal malformations (ARM) under:

a) Role of Laparoscopic assisted ano-rectoplasty. [5]

b) Evaluation and management of fecal incontinence following definitive surgery for ARM. [5]

Question Number : 10 Question Id : 3271879691 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the role of nephron sparing surgery (NSS) for Wilms' tumour. Discuss the management of Wilms' tumour with vena caval thrombus. 5+5