

National Board of Examinations

Question Paper Name :	DrNB PAEDIATRIC CRITICAL CARE Paper3
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DrNB PAEDIATRIC CRITICAL CARE Paper3

Group Number :	1
Group Id :	3271871280
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 CRITICAL CARE Paper3

Section Id :	3271871283
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 : 3271871287
Question Shuffling Allowed : No

Question Number : 1 Question Id : 32718711852 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. Pediatric ARDS:

- a) PALICC Definition of PARDS. [4]
- b) Pathophysiology. [6]

Question Number : 2 Question Id : 32718711853 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Noninvasive Ventilation:

- a) Interfaces. [3]
- b) Modes. [3]
- c) Role in PICU. [4]

Question Number : 3 Question Id : 32718711854 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Antibiotics in PICU:

- a) What is antibiotic stewardship? [6]
- b) Role of biomarkers in deciding rational use of antibiotics. [4]

Question Number : 4 Question Id : 32718711855 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss clinical application of PANDEM Guidelines 2022. [10]

Question Number : 5 Question Id : 32718711856 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Nutrition in a 12-year-old boy on ventilator:

- a) Role of enteral nutrition. [6]
- b) How to calculate the calorie requirement? [4]

Question Number : 6 Question Id : 32718711857 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A 5-year-old girl is on ventilator, had received muscle paralysis for short duration, is now having difficulty in weaning:

- a) What is critical illness polyneuropathy? [3]
- b) How will you diagnose? [3]
- c) Treatment. [4]

Question Number : 7 Question Id : 32718711858 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A 6-year-old boy is admitted in PICU with meningo-encephalitis and raised ICP:

- a) Name various noninvasive means of measuring raised ICP. [3]
- b) Describe any two along with advantages and disadvantages. [7]

Question Number : 8 Question Id : 32718711859 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In your PICU, there has been four cases reported of MRSA in blood in last 2 weeks:

- a) How will you find out the cause of increase in MRSA in the unit? [5]
- b) Steps to prevent it in future. [5]

Question Number : 9 Question Id : 32718711860 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A 6-year-old boy, presents with acute onset hypertension:

- a) Write steps of evaluation of cause of hypertension. [4]
- b) Management of hypertensive emergency. [6]

Question Number : 10 Question Id : 32718711861 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Hemophagocytic lymphohistiocytosis (HLH):

- a) Criteria to diagnose. [3]
- b) Treatment. [7]