

# National Board of Examinations

<b>Question Paper Name :</b>	Diploma Paediatrics Paper1
<b>Subject Name :</b>	Diploma Paediatrics Paper1
<b>Creation Date :</b>	2023-12-16 12:38:11
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## Diploma Paediatrics Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872637
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## Diploma Paediatrics Paper1

<b>Section Id :</b>	3271872640
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872644
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718727074 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Describe tubular reabsorption of sodium and potassium in kidneys. Enumerate steps of evaluation of suspected renal tubular acidosis. [5+5]

**Question Number : 2 Question Id : 32718727075 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 foetal circulation. Briefly describe steps in management of persistent pulmonary hypertension of the neonate. [5+5]

**Question Number : 3 Question Id : 32718727076 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 the physiological mechanism to maintain the osmolality in human body. Enlist steps in

management of hyponatremia in children. [5+5]

**Question Number : 4 Question Id : 32718727077 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Describe the physiology of CSF circulation. Discuss management of a child with aqueduct stenosis. [5+5]

**Question Number : 5 Question Id : 32718727078 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Enumerate the causes of respiratory distress in neonate. Discuss the role of surfactant therapy in management of hyaline membrane disease. [5+5]

**Question Number : 6 Question Id : 32718727079 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Enlist steps in conducting a randomized controlled trial. Describe intention to treat analysis and per protocol analysis. [5+5]

**Question Number : 7 Question Id : 32718727080 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Describe approach to manage a 5 year old female child with suspected abuse. What are the general principles of POCSO Act? [5+5]

**Question Number : 8 Question Id : 32718727081 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 interventions to maintain asepsis in NICUs. Describe biomarkers of neonatal sepsis. [5+5]

**Question Number : 9 Question Id : 32718727082 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 the steps of rapid sequence intubation. Describe steps in management of a child on mechanical ventilation with high pCO<sub>2</sub> on ABG. [5+5]

**Question Number : 10 Question Id : 32718727083 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Enumerate general principles of management of poisoning in children. Write salient features of various toxidromes. [5+5]