

# National Board of Examinations

**Question Paper Name :** Diploma Paediatrics Paper1  
**Subject Name :** Diploma Paediatrics Paper1  
**Duration :** 182  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0  
**Is Section Default? :** No

**Question Number : 1 Question Id : 32718747833 Consider As Subjective : Yes**

**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) Developmentally supportive care practices in NICU. [5]  
 b) Pathogenesis and management of apnea of prematurity. [2+3]

**Question Number : 2 Question Id : 32718747834 Consider As Subjective : Yes**

- a) Human milk banking. [5]  
 b) BIND scoring and management. [5]

**Question Number : 3 Question Id : 32718747835 Consider As Subjective : Yes**

- a) Enlist the causes of thrombocytopenia in neonates. [3]  
 b) Diagnostic approach to a neonate presenting with thrombocytopenia. [3]  
 c) Management of neonatal immune thrombocytopenia. [4]

**Question Number : 4 Question Id : 32718747836 Consider As Subjective : Yes**

Hypoxic ischemic encephalopathy:

- a) Definition. [2]  
 b) Risk factors and etiology. [2]  
 c) Clinical presentation. [3]  
 d) Postnatal management. [3]

**Question Number : 5 Question Id : 32718747837 Consider As Subjective : Yes**

- a) Define sensitivity and specificity. [2]  
 b) Describe ROC curve and its clinical significance. [4]  
 c) Briefly discuss forest plot and its use in pediatric practice. [4]

**Question Number : 6 Question Id : 32718747838 Consider As Subjective : Yes**

- a) Define randomized controlled trial. [2]
- b) Allocation concealment and blinding. [4]
- c) Definition and types of bias. [4]

**Question Number : 7 Question Id : 32718747839 Consider As Subjective : Yes**

- a) Hormonal regulation of linear growth. [5]
- b) Oxygen dissociation curve and its shift. [5]

**Question Number : 8 Question Id : 32718747840 Consider As Subjective : Yes**

- a) Mechanisms regulating sodium balance in body. [5]
- b) Role of zinc in immunity and diarrheal disease. [5]

**Question Number : 9 Question Id : 32718747841 Consider As Subjective : Yes**

- a) Pathophysiology and management of submersion injuries. [5]
- b) Iron poisoning. [5]

**Question Number : 10 Question Id : 32718747842 Consider As Subjective : Yes**

Diabetic ketoacidosis:

- a) Diagnostic criteria. [2]
- b) Etiopathogenesis. [3]
- c) Management plan in first 24 hours. [3]
- d) Complications and monitoring during therapy. [2]