

# National Board of Examinations

|  |                        |
|--|------------------------|
| <b>Question Paper Name :</b>                   | DNB Paediatrics Paper4 |
| <b>Subject Name :</b>                          | DNB Paediatrics Paper4 |
| <b>Creation Date :</b>                         | 2023-10-16 09:54:31    |
| <b>Duration :</b>                              | 180                    |
| <b>Share Answer Key With Delivery Engine :</b> | No                     |
| <b>Actual Answer Key :</b>                     | No                     |

## DNB Paediatrics Paper4

|                                      |            |
|--------------------------------------|------------|
| <b>Group Number :</b>                | 1          |
| <b>Group Id :</b>                    | 3271872603 |
| <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         |

## DNB Paediatrics Paper4

|                         |            |
|-------------------------|------------|
| <b>Section Id :</b>     | 3271872606 |
| <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>   | 3271872610 |
| <b>Question Shuffling Allowed :</b>                                 | No         |
| <b>Is Section Default? :</b>  | null       |

**Question Number : 1 Question Id : 32718726593 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

**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) Coagulation Cascade. [5]
- b) Thrombotic disorders in children. [5]

**Question Number : 2 Question Id : 32718726594 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Enzyme replacement therapy. [5]
- b) Gene therapy. [5]

**Question Number : 3 Question Id : 32718726595 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Diagnostic testing for Mitochondrial disease. [5]

b) Molecular pathogenesis of Progeria. [5]

**Question Number : 4 Question Id : 32718726596 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Management of Diabetic Ketoacidosis. [5]

b) Management of acute severe asthma. [5]

**Question Number : 5 Question Id : 32718726597 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Biologic therapies in Juvenile Idiopathic Arthritis. [5]

b) Diagnosis and management of Juvenile Dermatomyositis. [5]

**Question Number : 6 Question Id : 32718726598 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Etiopathogenesis of Hemolytic Uremic syndrome (HUS). [5]

b) Management of HUS. [5]

**Question Number : 7 Question Id : 32718726599 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Tracheoesophageal fistula. [5]
- b) Bronchoalveolar lavage. [5]

**Question Number : 8 Question Id : 32718726600 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Classification of Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) mutations. [5]
- b) Newer drugs for Cystic fibrosis treatment. [5]

**Question Number : 9 Question Id : 32718726601 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Clinical presentation and diagnosis of Ewing's sarcoma. [5]
- b) Treatment of ventricular septal defect. [5]

**Question Number : 10 Question Id : 32718726602 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- a) Pathophysiology of sickle cell disease. [5]
- b) Management of acute chest syndrome. [5]