

# National Board of Examinations

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| <b>Question Paper Name :</b>                   | DNB Emergency Medicine Paper4 |
| <b>Subject Name :</b>                          | DNB Emergency Medicine Paper4 |
| <b>Creation Date :</b>                         | 2024-10-21 16:15:37           |
| <b>Duration :</b>                              | 180                           |
| <b>Total Marks :</b>                           | 100                           |
| <b>Display Marks:</b>                          | No                            |
| <b>Share Answer Key With Delivery Engine :</b> | No                            |
| <b>Actual Answer Key :</b>                     | No                            |

## DNB Emergency Medicine Paper4

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|---------------------------------|------------|
| <b>Group Number :</b>           | 1          |
| <b>Group Id :</b>               | 3271872780 |
| <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>Break time :</b>             | 0          |
| <b>Group Marks :</b>            | 100        |

## DNB Emergency Medicine Paper4

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| <b>Section Id :</b>                          | 3271872783 |
| <b>Section Number :</b>                      | 1          |
| <b>Section type :</b>                        | Offline    |
| <b>Mandatory or Optional :</b>               | Mandatory  |
| <b>Number of Questions :</b>                 | 10         |
| <b>Number of Questions to be attempted :</b> | 10         |
| <b>Section Marks :</b>                       | 100        |
| <b>Maximum Instruction Time :</b>            | 0          |
| <b>Sub-Section Number :</b>                  | 1          |
| <b>Sub-Section Id :</b>                      | 3271872787 |
| <b>Question Shuffling Allowed :</b>          | No         |

**Question Number : 1 Question Id : 32718729084 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**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) Approach to a febrile child with skin rash. [5]
- b) Neonatal seizures. [5]

**Question Number : 2 Question Id : 32718729085 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Different types of ECMO. [4]
- b) Role of ECMO in emergency department. [6]

**Question Number : 3 Question Id : 32718729086 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Pyloric stenosis. [4]
- b) Differential diagnosis and management of an intractable crying child. [6]

**Question Number : 4 Question Id : 32718729087 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Evaluation of a child with suspected physical abuse. [5]
- b) Pediatric assessment triangle. [5]

**Question Number : 5 Question Id : 32718729088 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Anorexia nervosa. [3]
- b) Symptom management in patients with terminal cancer. [3]
- c) Tactical combat casualty care. [4]

**Question Number : 6 Question Id : 32718729089 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Indications of end-tidal CO<sub>2</sub> measurement. [3]
- b) Methods for end-tidal CO<sub>2</sub> measurement. [2]
- c) Normal phases of graphs of capnography. [2]

d) Changes in graph of capnography in various pathological conditions. [3]

**Question Number : 7 Question Id : 32718729090 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Forest Plot. [3]
- b) Randomisation techniques. [4]
- c) Positive and negative predictive value of a test. [3]

**Question Number : 8 Question Id : 32718729091 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Double sequential external defibrillation and its potential utility. [4]
- b) Methods to reduce peri-shock pause during CPR. [3]
- c) Resuscitative thoracotomy. [3]

**Question Number : 9 Question Id : 32718729092 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) WATERFALL trial in acute pancreatitis. [4]
- b) E-MOTIVE trial in post-partum hemorrhage. [6]

**Question Number : 10 Question Id : 32718729093 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Interpretation of various components of waveform produced by thromboelastography. [5]
- b) Indications, technique and complications of REBOA (Resuscitative balloon occlusion of aorta). [5]