

# National Board of Examinations

<b>Question Paper Name :</b>	DNB Emergency Medicine Paper4
<b>Subject Name :</b>	DNB Emergency Medicine Paper4
<b>Creation Date :</b>	2024-05-18 18:51:59
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DNB Emergency Medicine Paper4

<b>Group Number :</b>	1
<b>Group Id :</b>	3271872054
<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 Emergency Medicine Paper4

<b>Section Id :</b>	3271872057
<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>	3271872061
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718720232 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) How will you evaluate diagnostic accuracy of a test? [5]
- b) Describe different randomization techniques. [5]

**Question Number : 2 Question Id : 32718720233 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) Describe a quality improvement research methodology to decrease the door to needle time in a patient with acute myocardial infarction. [5]
- b) Discuss child abuse. [5]

**Question Number : 3 Question Id : 32718720234 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) Discuss about post-cardiac arrest syndrome. [5]
- b) Enumerate the diagnostic criteria of Kawasaki disease. [5]

**Question Number : 4 Question Id : 32718720235 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) Describe Salter-Harris classification of fractures. [5]
- b) Discuss the approach to recurrent vomiting in a 1 month old baby. [5]

**Question Number : 5 Question Id : 32718720236 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) Describe clinical features and management of acute necrotizing ulcerative gingivitis. [5]
- b) Describe the management of status epilepticus in a neonate and an infant. [5]

**Question Number : 6 Question Id : 32718720237 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) Role of mannitol and hypertonic saline in patients with raised intracranial pressure. [3]
- b) Newer defibrillation techniques in refractory ventricular fibrillation. [4]
- c) Extracorporeal CPR in refractory out-of-hospital cardiac arrest. [3]

**Question Number : 7 Question Id : 32718720238 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) Differential diagnosis of jaundice in a neonate. [4]
- b) Discuss evaluation and management of fever in a neonate. [6]

**Question Number : 8 Question Id : 32718720239 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) Describe the causes and methods to reduce peri-shock pause. [5]
- b) Discuss the role of transesophageal echo in CPR. [5]

**Question Number : 9 Question Id : 32718720240 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) Describe the recent advances in management of electrical storm. [6]
- b) Discuss the utility of artificial intelligence in emergency medicine. [4]

**Question Number : 10 Question Id : 32718720241 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) Describe the methods to develop emergency care system in a state. [6]
- b) Discuss the key performance indicators in terms of structure, process and outcome of time-sensitive emergency conditions. [4]