

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neonatology Paper2
<b>Subject Name :</b>	DrNB Neonatology Paper2
<b>Creation Date :</b>	2024-05-16 18:56:58
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Neonatology Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871976
<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

## DrNB Neonatology Paper2

<b>Section Id :</b>	3271871979
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

**Mandatory or Optional :** Mandatory  
**Number of Questions to be attempted :** 10  
**Section Marks :** 100  
**Enable Mark as Answered Mark for Review and Clear Response :** Yes  
**Maximum Instruction Time :** 0  
**Sub-Section Number :** 1  
**Sub-Section Id :** 3271871983  
**Question Shuffling Allowed :** No  
**Is Section Default? :** null

**Question Number : 1 Question Id : 32718719382 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. Discuss components of neurodevelopment assessment of high risk newborns. Describe merits and demerits of different hearing screening methods. [6+4]

**Question Number : 2 Question Id : 32718719383 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

- What are the current guidelines of screening for Retinopathy of Prematurity? [6]
- Discuss various modalities of treatment of ROP. [4]

**Question Number : 3 Question Id : 32718719384 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 evidence for role of probiotics for prevention and treatment of neonatal sepsis. What are the risks of live probiotics as compared to heat- inactivated probiotics? [7+3]

**Question Number : 4 Question Id : 32718719385 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) Merits and limitations of Thompson Score in HIE. [4]
- b) Oro-gastric versus nasogastric feeding of preterm. [3]
- c) Immunoglobulins in colostrum. [3]

**Question Number : 5 Question Id : 32718719386 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) Prevention of Ventilator associated Pneumonia. [5]
- b) Discuss etiology and ventilator strategies to manage persistent pulmonary hypertension in newborn. [5]

**Question Number : 6 Question Id : 32718719387 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) Volume-targeted versus pressure-limited ventilation in neonates. [5]
- b) Synchronized Intermittent Mandatory Ventilation (SIMV) : indications and disadvantages. [5]

**Question Number : 7 Question Id : 32718719388 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) Indications of intravenous immunoglobulins in neonates. [5]

b) Aminophylline vs Caffeine in management of apnea of prematurity. [5]

**Question Number : 8 Question Id : 32718719389 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) Antenatal assessment of fetal growth restriction. [5]

b) Quality improvement in NICU. [5]

**Question Number : 9 Question Id : 32718719390 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 components of communication with parents whose neonates are admitted in NICU. How will you advise at the time of discharge of low birth weight baby? [7+3]

**Question Number : 10 Question Id : 32718719391 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) Environmental surveillance for healthcare associated infections. [4]

b) Diagnostic work up of a 3 day old neonate having seizures. [6]