

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neonatology Paper3
<b>Subject Name :</b>	DrNB Neonatology Paper3
<b>Creation Date :</b>	2022-12-26 13:13:56
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Neonatology Paper3

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871327
<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 Paper3

<b>Section Id :</b>	3271871330
<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 :** 3271871334

**Question Shuffling Allowed :** No

**Is Section Default? :** null

**Question Number : 1 Question Id : 32718712322 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) Discharge planning of a high-risk neonate. [5]
- b) Describe the development screening and assessment tools administered in high-risk newborn. [5]

**Question Number : 2 Question Id : 32718712323 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) Approach to a neonate with previous sibling death due to suspected inborn error of metabolism. [5]

b) Genetic counselling. [5]

**Question Number : 3 Question Id : 32718712324 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) Human Genome project and its impact in neonatology. [5]

b) Fetal stem cell therapy and its advancements. [5]

**Question Number : 4 Question Id : 32718712325 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) Verbal autopsy for investigating neonatal death. [5]

b) Comfort care. [5]

**Question Number : 5 Question Id : 32718712326 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) Hammersmith infant neurological examination. [5]

b) AAP recent updation of treatment guidelines for neonatal jaundice. [5]

**Question Number : 6 Question Id : 32718712327 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 the role of Lung Ultrasound in newborn babies presenting with respiratory distress. [5]

b) Closed loop FiO2 monitoring. [5]

**Question Number : 7 Question Id : 32718712328 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 Multiomics and Artificial Intelligence in neonatal intensive care. [5]
- b) Newer drug delivery systems. [5]

**Question Number : 8 Question Id : 32718712329 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 evidence-based indications for respiratory stimulants in neonatal care. [5]
- b) Use of steroids in neonatal intensive care. [5]

**Question Number : 9 Question Id : 32718712330 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 neonatal abstinence syndrome. [5]
- b) Smoking in pregnancy. [5]

**Question Number : 10 Question Id : 32718712331 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) Magnesium sulphate and its use in perinatal and neonatal medicine. [5]
- b) Vaccinations in pregnancy and newborn, and their impact on maternal and neonatal health. [5]