

National Board of Examinations

Question Paper Name :	DrNB Neonatology Paper2
Subject Name :	DrNB Neonatology Paper2
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DrNB Neonatology Paper2

Group Number :	1
Group Id :	327187393
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

DrNB Neonatology Paper2

Section Id :	327187396
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory

Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	327187400
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 3271872451 Question Type : SUBJECTIVE

Correct Marks : 10

Discuss management approach for a preterm who was born at 26 weeks gestation with birth weight 600 g. Currently the baby is 31 weeks postconceptional age with weight of 750 g on 150 ml/kg Orogastric feeds with expressed breast milk, but not gaining weight for last 4 days. [10]

Question Number : 2 Question Id : 3271872452 Question Type : SUBJECTIVE

Correct Marks : 10

Describe a simplified approach to diagnosis of Inborn errors of metabolism in a sick neonate. [10]

Question Number : 3 Question Id : 3271872453 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the diagnostic approach to a neonate floppy since birth. [5]
- b) Discuss the current recommendations for breastfeeding and practices around birth, for a mother with confirmed COVID infection. [5]

Question Number : 4 Question Id : 3271872454 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss caffeine therapy for apnoea of prematurity. [5]
- b) Discuss role of microbiota in pathogenesis of necrotising enterocolitis. [3]
- c) Comment on the evidence and status of probiotics in prevention of NEC and sepsis. [2]

Question Number : 5 Question Id : 3271872455 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Define epigenetics and describe its role in development. [5]
- b) Discuss management approach to desaturation in a ventilated neonate. [5]

Question Number : 6 Question Id : 3271872456 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe the steps of conducting a systematic review and meta-analysis. [8]
- b) What is Funnel Plot? [2]

Question Number : 7 Question Id : 3271872457 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Describe diagnostic approach to a 25 day old neonate with direct hyperbilirubinemia. [5]
- b) What are the evidence based delivery room practices for improving neurodevelopmental outcomes in preterm babies? [5]

Question Number : 8 Question Id : 3271872458 Question Type : SUBJECTIVE

Correct Marks : 10

- a) Discuss role of APGAR score. [5]
- b) Discuss the diagnosis including echocardiographic findings of Persistent Pulmonary Hypertension. [5]

Question Number : 9 Question Id : 3271872459 Question Type : SUBJECTIVE

Correct Marks : 10

- a) What is point of care quality improvement approach and what are the essential steps involved? [5]
- b) What are the objectives of LAQSHYA programme? [5]

Question Number : 10 Question Id : 3271872460 Question Type : SUBJECTIVE

Correct Marks : 10

A 21-days-old, 28 weeks preterm baby develops apnea episodes. Discuss:

a) Differential diagnosis. [5]

b) Management of this neonate. [5]