

National Board of Examinations

Question Paper Name :	DrNB Neonatology Paper2
Subject Name :	DrNB Neonatology Paper2
Creation Date :	2022-12-22 19:38:27
Duration :	180
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Neonatology Paper2

Group Number :	1
Group Id :	3271871326
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Neonatology Paper2

Section Id :	3271871329
Section Number :	1
Section type :	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 :	3271871333
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718712312 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. Regarding extremely low birth weight (ELBW) babies, discuss:

- Pathophysiology of periventricular leucomalacia. [5]
- Neuroprotective strategies for ELBW babies. [5]

Question Number : 2 Question Id : 32718712313 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Define extra-uterine growth restriction. Enumerate causes and potential ill effects. Outline strategies for prevention of EUGR. [3+4+3]

Question Number : 3 Question Id : 32718712314 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) Establishment of Special newborn care unit (SNCU). [5]
- b) Interventions to improve preterm birth outcomes. [5]

Question Number : 4 Question Id : 32718712315 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) Tools for breastfeeding assessment. [3]
- b) Human milk banking. [4]
- c) Human milk based human milk fortifier. [3]

Question Number : 5 Question Id : 32718712316 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 factors to minimize the chance of brain injury during mechanical ventilation. [5]
- b) Discuss aetiology and ventilator strategies to manage pulmonary interstitial emphysema. [5]

Question Number : 6 Question Id : 32718712317 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 humidifiers and Flow sensors in neonatal ventilators. [5]
- b) Benefits and disadvantages of patient triggered modes of ventilation. [5]

Question Number : 7 Question Id : 32718712318 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 various drugs in PPHN. [5]
- b) Paracetamol vs Ibuprofen in management of PDA. [5]

Question Number : 8 Question Id : 32718712319 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 intrauterine growth charts. Discuss their merits and limitations compared to extrauterine charts. [5]
- b) District Early Intervention Centres. [5]

Question Number : 9 Question Id : 32718712320 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 pharmacovigilance and strategies to prevent and report medication error. Describe Look Alike Sound Alike (LASA) with two examples. [7+3]

Question Number : 10 Question Id : 32718712321 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 a diarrhoea outbreak in a nursery. [5]
- b) Diagnostic work up of a bleeding neonate. [5]