

National Board of Examinations

Question Paper Name :	DrNB Neonatology Paper1
Subject Name :	DrNB Neonatology Paper1
Creation Date :	2024-05-15 21:33:59
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Neonatology Paper1

Group Number :	1
Group Id :	3271871975
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 Paper1

Section Id :	3271871978
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 :	3271871982
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719372 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) Discuss the normal development of kidneys. [5]
- b) Write in brief regarding maldevelopment leading to Congenital Hydronephrosis. [5]

Question Number : 2 Question Id : 32718719373 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 diagnosis of Down's Syndrome. [5]
- b) Management of antenatally diagnosed hydrops fetalis. [5]

Question Number : 3 Question Id : 32718719374 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Classify prematurity. Discuss evidence and guidelines for antenatal steroid administration for mothers in preterm labor including late preterm. [3+3+4]

Question Number : 4 Question Id : 32718719375 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) Immediate Kangaroo Mother Care. [3]
- b) Early stimulation of high-risk neonates. [4]
- c) Family participatory care in NICU. [3]

Question Number : 5 Question Id : 32718719376 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 early versus delayed cord clamping. What are the current national guidelines for timing of cord clamping? [6+4]

Question Number : 6 Question Id : 32718719377 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 perceived breast milk insufficiency. Enumerate various causes of this insufficiency. What are the ethical considerations regarding human milk banking? [2+4+4]

Question Number : 7 Question Id : 32718719378 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 major principles of lung-protective ventilation in preterm neonates. What are the present guidelines regarding use of non-invasive ventilation in NICU? [4+6]

Question Number : 8 Question Id : 32718719379 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) Metabolomic profile of preterm human milk. [5]

b) Use of Magnesium sulphate prior to preterm birth for neuroprotection. [5]

Question Number : 9 Question Id : 32718719380 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) Gas Chromatography Mass Spectrometry (GCMS) for inborn errors of metabolism. [5]

b) STROBE guidelines for observational studies. [5]

Question Number : 10 Question Id : 32718719381 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) Navjat Shishu Suraksha Karyakaram (NSSK). [5]

b) Importance of confidence interval in clinical trials. [5]