

National Board of Examinations

Question Paper Name :	DrNB Neonatology Paper1
Subject Name :	DrNB Neonatology Paper1
Creation Date :	2025-01-17 20:03:00
Duration :	180
Total Marks :	100
Display Marks:	No
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Neonatology Paper1

Group Number :	1
Group Id :	3271872847
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DrNB Neonatology Paper1

Section Id :	3271872850
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872854
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718736454 Question Type : SUBJECTIVE Consider As Subjective : Yes

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. What is the composition of liquor amnii? What is the pathophysiology, clinical features, treatment and complications of chorioamnionitis in the neonate? [2+(2+2+2+2)]

Question Number : 2 Question Id : 32718736455 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A baby is born with spina bifida. What are the causes, differential diagnosis, investigations, prevention guidelines and management? [2+2+2+2+2]

Question Number : 3 Question Id : 32718736456 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

a) What is intra-uterine growth retardation (IUGR) baby? Write its causes, prevention, diagnosis and management. [1+(1+1+1+1)]

b) What is ponderal index (PI) and its relevance in neonatal examination? [2+3]

Question Number : 4 Question Id : 32718736457 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Describe the transition of physiology of a fetus to a newborn after birth in normal delivery & caesarean section, and complications which can arise during the transition. [(3+3)+4]

Question Number : 5 Question Id : 32718736458 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What are the steps of stabilization and post resuscitation care of a newborn after birth asphyxia? [5+5]

Question Number : 6 Question Id : 32718736459 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A Rh negative blood group mother is about to deliver a baby who has been diagnosed as hydrops fetalis. Describe the management and investigations required. [5+5]

Question Number : 7 Question Id : 32718736460 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What are the characteristics of:

- a) Human breast milk [2]
- b) Differences between cow milk and expressed human milk (EBM) [3]
- c) Differences in composition of fore milk and hind milk [3]
- d) Benefits of hind milk feeding for the preterm neonate [2]

Question Number : 8 Question Id : 32718736461 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What is SPSS and what are its uses? [5+5]

Question Number : 9 Question Id : 32718736462 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What is Chi-square test and its uses? [5+5]

Question Number : 10 Question Id : 32718736463 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

What is normal distribution of data? What are the types of variability in data? [5+5]