

National Board of Examinations

Question Paper Name :	DrNB Neonatology Paper1
Subject Name :	DrNB Neonatology Paper1
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Actual Answer Key :	No

DrNB Neonatology Paper1

Group Number :	1
Group Id :	3271871127
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
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Neonatology Paper1

Section Id :	3271871130
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 :	3271871134
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718710322 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

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. Discuss the normal development of craniospinal axis. Write in brief regarding the biological and physiological basis of disorders of primary neurulation? [5+5]

Question Number : 2 Question Id : 32718710323 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- Antenatal prognostic markers of congenital diaphragmatic hernia. [5]
- Management of antenatally diagnosed hydronephrosis. [5]

Question Number : 3 Question Id : 32718710324 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Classify fetal growth restriction. Enumerate the antenatal diagnostic modalities and discuss management of a growth restricted fetus? [3+3+4]

Question Number : 4 Question Id : 32718710325 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Mother newborn care unit. [3]
- b) Components of developmentally supportive care. [4]
- c) Nurturing care framework. [3]

Question Number : 5 Question Id : 32718710326 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Write a note on placental transfusion and discuss in brief regarding each strategy of placental transfusion. Enumerate the evidences supporting each strategy. [6+4]

Question Number : 6 Question Id : 32718710327 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss the temperature regulation in preterm neonates. Enumerate the mechanism of heat loss in delivery room. What are the strategies to prevent neonatal hypothermia? [3+3+4]

Question Number : 7 Question Id : 32718710328 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Discuss in brief the neuropathology of preterm brain injury. Enumerate the neuroprotective and neuro-restorative strategies in preterm brain injury. [4+6]

Question Number : 8 Question Id : 32718710329 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

- a) Non nutritive attributes of Mother's own milk. [5]
- b) Cord blood stem cells and their potential utility. [5]

Question Number : 9 Question Id : 32718710330 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Point of care testing in neonatology. [5]
- b) GRADE process in evidence based medicine. [5]

Question Number : 10 Question Id : 32718710331 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

- a) Evaluation of a Diagnostic test. [4]
- b) Operations research. [3]
- c) Network meta analysis. [3]