

National Board of Examinations

Question Paper Name :	DrNB Neonatology Paper3
Subject Name :	DrNB Neonatology Paper3
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Actual Answer Key :	No

DrNB Neonatology Paper3

Group Number :	1
Group Id :	327187770
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 Paper3

Section Id :	327187773
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 :	327187777
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 3271876782 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. Describe using a labelled diagram the pathophysiology of persistent pulmonary hypertension of neonate. Discuss role of sildenafil, milrinone, vasopressin and magnesium sulphate in the management of the same. [6+4]

Question Number : 2 Question Id : 3271876783 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

- Describe changes in drug metabolism during therapeutic hypothermia. [5]
- Discuss the possible reasons for difference in evidence for therapeutic hypothermia from HICs

and LMICs. [5]

Question Number : 3 Question Id : 3271876784 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) Outline the postnatal approach to a neonate with bilateral hydroureteronephrosis. [4]
- b) RSV prophylaxis. [3]
- c) Septic arthritis. [3]

Question Number : 4 Question Id : 3271876785 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) Outline diagnostic approach to neonatal encephalopathy. [5]
- b) Discuss the pros and cons of different imaging modalities for term brain. [5]

Question Number : 5 Question Id : 3271876786 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) Illustrate with examples the merits of 'do no harm' strategy in neonatal clinical care. [5]
- b) Enumerate evidence based strategies for skin care among preterm infants. [5]

Question Number : 6 Question Id : 3271876787 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Enumerate diagnostic criteria for a 'significant duct' which needs therapeutic intervention. Discuss the reasons for the dilemma related to 'treat or not to treat' patent ductus arteriosus. [5+5]

Question Number : 7 Question Id : 3271876788 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) Community outreach program for SNCU graduates. [5]
- b) India Newborn Action Plan-mid-term review findings and future strategy. [5]

Question Number : 8 Question Id : 3271876789 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 the various guidelines for platelet transfusion in neonates and discuss harms of platelet transfusion at higher threshold values. [5]
- b) Describe hematocrit homeostasis in first 48 hours of life. Enumerate manifestations and management of raised hematocrit at different threshold values. [5]

Question Number : 9 Question Id : 3271876790 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 expanded use of surfactant in neonatal disorders. [5]
- b) Universal neonatal screening. [5]

Question Number : 10 Question Id : 3271876791 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) Point of care diagnostic devices in neonatology. [5]
- b) Still birth - causes and classification. [5]