

National Board of Examinations

Question Paper Name : DrNB Neonatology Paper2
Subject Name : DrNB Neonatology Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740834 Consider As Subjective : Yes

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) Enumerate the mechanisms of gas exchange in High Frequency Ventilation. [5]
- b) Discuss selection of initial settings for rescue of a 30 week baby on conventional ventilation. [5]

Question Number : 2 Question Id : 32718740835 Consider As Subjective : Yes

- a) Enumerate the mechanisms of Photo-therapy. [5]
- b) Describe in brief the adversities of this intervention. [5]

Question Number : 3 Question Id : 32718740836 Consider As Subjective : Yes

- a) Enlist the pulmonary vasodilators used in the management of PPHN in neonates. [2]
- b) Briefly describe their mechanism and role. [8]

Question Number : 4 Question Id : 32718740837 Consider As Subjective : Yes

- a) Describe the mechanism and grading of periventricular leukomalacia. [2+2]
- b) Sketch a chart discussing the management of post-hemorrhagic ventricular dilatation (PHVD). [6]

Question Number : 5 Question Id : 32718740838 Consider As Subjective : Yes

- a) Enumerate the etiology of pulmonary hemorrhage. [5]
- b) Approach to management. [5]

Question Number : 6 Question Id : 32718740839 Consider As Subjective : Yes

- a) Enlist the causes of thrombocytopenia in neonates. [6]
- b) Discuss the transfusion thresholds with evidence. [4]

Question Number : 7 Question Id : 32718740840 Consider As Subjective : Yes

- a) Enlist the causes of refractory hypoglycemia. [5]
- b) Outline approach to the management of refractory hypoglycemia. [5]

Question Number : 8 Question Id : 32718740841 Consider As Subjective : Yes

- a) Enlist the anticipated problems in late preterm babies. [4]
- b) Discuss the management. [6]

Question Number : 9 Question Id : 32718740842 Consider As Subjective : Yes

- a) Enlist the different pain assessment scores used in neonates. [5]
- b) Describe in detail any one. [5]

Question Number : 10 Question Id : 32718740843 Consider As Subjective : Yes

- a) Discuss the liberal vs restrictive thresholds for red blood cell transfusions in preterm infants. [6]
- b) Enlist risks of RBC transfusions. [4]