

National Board of Examinations

Question Paper Name : DrNB Neonatology Paper3

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

A 32 week preterm baby is seen at 6 months corrected postnatal age and found to have some head lag on pull to sit with adductor angle of 130 degrees. List the possible cause of these findings. How would you evaluate this child and also outline the management? [2+(4+4)]

Question Number : 2 Question Type : SUBJECTIVE

Describe the organization of inpatient neonatal services at FRU/Sub-district level to run a Newborn stabilization Unit (NBSU). Enumerate the admission criteria at NBSU. Discuss the challenges of operationalizing NBSUs. [5+2+3]

Question Number : 3 Question Type : SUBJECTIVE

- a) Role of Near Infrared Spectroscopy in Neonatology. [5]
- b) Cerebral function monitoring in NICU. [5]

Question Number : 4 Question Type : SUBJECTIVE

- a) Humidification of gases for respiratory support. [5]
- b) End-tidal CO₂ measurement in newborn. [5]

Question Number : 5 Question Type : SUBJECTIVE

- a) Optimal FiO₂ for preterm resuscitation. [5]
- b) Extracorporeal membrane oxygenation. [5]

Question Number : 6 Question Type : SUBJECTIVE

- a) Task shifting in Neonatal Care. [5]
- b) Training methodology of Navjaat Shishu Suraksha Karyakram (NSSK). [5]

Question Number : 7 Question Type : SUBJECTIVE

- a) Use of Macrolides in newborn. [5]
- b) Multisystem inflammatory syndrome in Newborn (MIS-N). [5]

Question Number : 8 Question Type : SUBJECTIVE

- a) Approach to floppy newborn. [5]
- b) Future of Artificial intelligence (AI) in newborn care. [5]

Question Number : 9 Question Type : SUBJECTIVE

- a) Components of District Early Intervention Centres (DEIC). [5]
- b) Drug dose modification in Acute Kidney Injury. [5]

Question Number : 10 Question Type : SUBJECTIVE

- a) Inhaled nitric oxide therapy. [5]
- b) Status of SNCU across India. [5]