

NEONATOLOGY CHAPTER OF INDIAN ACADEMY OF PEDIATRICS

FELLOWSHIP EXAMINATION JULY 2013

PAPER I

Duration: 3 hours

All questions carry equal marks;

Answer any 5 Questions

1. Write Briefly on *Any three of the following*.
 - a. Role of Functional Echocardiography in NICU. (6.6)
 - b.) Classification of apnoea and evaluation of an infant with apnoea (6.6)
6.66
 - c. Newborn Screening. (6.6)
 - d. Antibiotics Use and Misuse in NICU. (6.6)
2. What are changes in Transition from Intra-uterine to Extra-uterine Environment immediately after Birth? Discuss effect of Asphyxia on the transition of a Neonate.
3. What are the risk factors for the development of respiratory distress syndrome in a newborn?
Discuss the surfactant therapy and Ventilatory management of RDS. 6+7+7
4. Discuss Pathophysiology of Necrotizing Enterocolitis. Discuss strategies to prevent NEC in NICU. (10+10)
5. A neonate is born with antenatal diagnosis of congenital diaphragmatic hernia is born in your hospital. How will you manage this baby? 20
6. Answer briefly any two.
 - a) Describe the components of Janani suraksha shishu karyakram and its role in reducing Neonatal mortality 10
 - b) Components of Kangaroo care and issues in implementing it. 10
 - c) How Research has changed Practice in Neonatology in the last five years? 10