

IAP Neonatology Fellowship Exam

January 2012

Paper II

Marks 100

Note: Answer any 5

Each question carries 20 marks

1) A 38 year old, G5 p0, Rh –ve mother with strongly positive Direct Coombs test, plans pregnancy and visits you for counseling. How will you counsel her? She received 3 intrauterine transfusions till 30 weeks of gestational age. Obstetrician wants to plan for the delivery. When should be correct time to deliver this baby. What would be your approach after delivery to save this baby?

2) : A newborn, delivered at 36 weeks of gestation, is noted to have generalized edema and respiratory distress with muffled heart sounds.

3) A 36 week gestational age baby was delivered vaginally weighing 3.6 kg. He was on exclusive breast feeding. ON day 3 of life, he was brought back to NICU in the state of shock. Discuss D/D and plan of management.

4) 26 week gestational age baby was weighing 860 gm at birth. On day 3 of life, his abdomen was distended and he had bilious aspirates. How will you investigate and treat?

5) A 3day old ELBW baby received surfactant by INSURE approach. She is on CPAP of 6 in 25 % Fio2. She started having increased oxygen requirement. How will you proceed to reach to the diagnosis and treat it?

6) A full term baby 3.9 kg baby was delivered vaginally after prolonged trial. She was flat at birth. Vigorous resuscitation was required. She had first episode of convulsion during transfer to NICU. Discuss best approach to manage such baby. How will you monitor this baby for first 3 days and after discharge?