

IAP Neonatology Chapter Fellowship Exam: January 2014

Paper II : Maximum marks 100

Note: Answer any 5 questions

All questions carry equal marks

Q1. Full term neonate weighing 1.6 kg presents with rash, petechiae and Hepato-splenomegaly on day 4 of life. What is your differential diagnosis, what investigations do you plan and briefly discuss the management. (6+6+8)

Q2. 32 weeks preterm neonate presented with recurrent apneas on Day 4 of life. How will you evaluate, investigate and manage this baby? (6+6+8)

Q3. Term neonate presented with bilious vomiting on Day 3 of life. What are the differential diagnosis, investigations and further management in such a neonate. (6+6+8)

Q4. A full term newborn infant with birth weight of 3.3 kg is referred to your hospital at 32 hours of life with total serum bilirubin levels of 27 mg/dl. Describe clinical assessment plan, proposed investigations and treatment approach in this infant. In addition briefly describe role of IVIG and albumin on the basis of current best evidence. (6+4+5+5).

Q5. A 40 weeks, 2.7 kg, newborn infant is admitted with multifocal seizures on day-3 of life. Discuss clinical assessment plan, proposed investigations and therapeutic approach in this newborn. (6+6+8).

Q6. A 39 week newborn infant is delivered by normal vaginal delivery and is discharged home on day 3 of life. On day 4 of life, this infant presents with acute onset of respiratory distress, cyanosis and shock. Discuss initial clinical assessment approach, investigation and treatment plan for this infant. (6+6+8).

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