Write short notes on:

1. a) Define perinatal and neonatal mortality.
   b) Enumerate causes of perinatal mortality and measures to reduce it.  
   
   2. Causes of hyperammonemia in neonates and its management.  
   
   3. a) aEEG.
   b) Evoked Potentials.
   c) Cranial ultrasonography – Technique & clinical utility.  
   
   4. Role of Doppler flow studies in neonates.  
   
   5. Transient disorders of thyroid function in neonates.  
   
   
   7. A 35 year old pregnant woman is diagnosed as HIV positive. Discuss the treatment to prevent HIV infection in new born  
   
   8. a) Outline an approach to child with suspected intrauterine infection.
   b) How will you manage a case of congenital syphilis?  
   
   b) How is it diagnosed antenataly?
   c) Role of Intravenous Immunoglobulin in treatment of this condition.  
   
   10. What are the latest recommendations of NRP? How are these different from previous recommendations? What is the Indian adaptation of NRP?  

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