

**IAP Neonatology Chapter
Fellowship Examination – 2009**

PAPER I

Friday, January 9, 2009

Max marks: 100

■ **Long answer questions (Attempt any two; 20 marks for each answer)**

Q.1 An NGO working in hilly tribal areas of Sahyadri approaches you as a specialist in Neonatology. The area has a high neonatal mortality rate. Discuss the planning in detail you will undertake to tackle the problem. Discuss HBNC.

✓ Q.2 A 5-day old neonate is brought to you with cyanosis. Discuss the approach and management of child in detail

Q.5 Define hypoxic ischemic encephalopathy (HIE). Discuss mechanisms of injury, diagnosis and management of HIE. Add a note on various neuroprotective strategies.

■ **Short answer questions (Attempt any four; 10 marks for each answer)**

✓ Q.1 Discuss management of 'Acute renal failure' in Neonate

Q.2 Discuss management strategies for BPD

✓ Q.3 Discuss 'lung protective' ventilation

✓ Q.4 Discuss the advantages of breastfeeding

✓ Q.5 Discuss clinical implications of the oxygen dissociation curve in neonatology

■ **Short Notes (Attempt any four; 5 marks for each answer)**

✓ Q.1 Ethical dilemmas while working in NICU

Q.2 Milrinone

✓ Q.3 Barkers Hypothesis

✓ Q.4 IMNCI guidelines for '*Possible serious bacterial infection in young infant*'

✓ Q.5 Human Milk Bank