



NEONATOLOGY

PAPER – III

NEONAT/D/14/19/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. India Newborn Action Plan (INAP) launched by the Govt. of India. Write briefly aim and the strategies that may be used. 3+(3+4)
2. Multidisciplinary management of a high risk infant with moderate neurodevelopmental handicap. 10
3. Pathogenesis, diagnosis and treatment of developmental dysplasia of the hip. 3+4+3
4. Management of a baby born to a mother with active chicken pox lesions? 10
5. Principle, uses and issues of heated, humidified, high flow, nasal cannula (HHHFNC) therapy. 3+4+3
6. Etiology, evaluation and management of a non-thriving neonate. 3+4+3
7. Mechanism of action, clinical use and adverse effects of inhaled nitric oxide in the management of persistent pulmonary hypertension. 3+4+3
8. a) Markers of fetal chromosomal anomalies. 5+5
b) Role of magnetic resonance spectroscopy in Neonatology.
9. Role of foetal nurse in the delivery room in improvement of neonatal care. 10
10. Screening tests to be done pre-discharge in a neonate who had complicated neonatal course. 10
