

NEONATOLOGY

PAPER-II

NEO/J/18/19/II

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:

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| 1. | Draw an algorithm for neonatal resuscitation and enumerate the major changes in the newer ILCOR guidelines. | 6+4 |
| 2. | Outline the principles of intravenous fluid therapy during surgery & postoperatively in a neonate, suffering with surgical abnormality of the gastrointestinal system. | 5+5 |
| 3. | Nutritional requirement of a preterm neonate and assessment of growth in preterm neonates. | 5+5 |
| 4. | Management principles of neonatal hyper-bilirubinaemia & how to detect early brain affection. | 8+2 |
| 5. | Principles of perinatal management of Respiratory Distress Syndrome. | 10 |
| 6. | Diagnosis of various intrauterine infections & opine on the position of colostrum feeding on transmission of intrauterine infections in India. | 8+2 |
| 7. | Mechanism of ventilation induced lung injury and management of chronic lung disease. | 5+5 |
| 8. | What is developmentally supportive neonatal care? Outline its various components with their practical relevance. | 3+(4+3) |
| 9. | a) Management approach to an abnormal gastric residue in a neonate.
b) Utility of placenta in neonatal care. | 5+5 |
| 10. | Prophylactic therapies in vogue in the care of a premature baby & tabulate the current evidence for each. | 5+5 |
