

**NEONATOLOGY****PAPER – II**

Time : 3 hours

NEONAT/D/17/19/II

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. Write a note on skin development and discuss guidelines for skin care of preterm neonate.  | 5+5     |
| 2. Outline evaluation of a neonate with cardiomegaly and discuss the management of hypertrophic cardiomyopathy.   | 5+5     |
| 3. Outline the diagnosis of Gastro-esophageal reflux in newborn and discuss the management.   | 5+5     |
| 4. Outline the causes of growth failure in preterm neonates. Discuss its management and prevention.   | 4+(3+3) |
| 5. Outline evaluation of respiratory distress in full term neonate. Briefly outline the pre-operative management of a neonate with congenital diaphragmatic hernia. | 4+6     |
| 6. Discuss strategies for optimal nutrition in Extremely Low Birth Weight ELBW preterm neonates.  | 10      |
| 7. a. Human milk fortifier<br>b. Metabolic bone disease   | 5+5     |
| 8. a. Neurally adjusted ventilator assist<br>b. IVIG in neonates  | 5+5     |
| 9. Discuss the pain pathways in neonates. Briefly write about the management strategies for relief of pain in neonates  | 4+6     |
| 10. a. Entero-mammary axis<br>b. Quality improvement initiative   | 5+5     |

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