

NEONATOLOGY

PAPER – II

Time : 3 hours
Max. Marks : 100

NEONAT/D/17/19/II

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
b. Metabolic bone disease | 5+5 |
| 8. | a. Neurally adjusted ventilator assist
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
b. Quality improvement initiative | 5+5 |
