

NEONATOLOGY

PAPER – III

NEONAT/D/15/19/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:

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| 1. | a) Define perinatal and neonatal mortality. b) Enumerate causes of perinatal mortality and measures to reduce it. | 2+(4+4) |
| 2. | Causes of hyperammonemia in neonates and its management. | 4+6 |
| 3. | a) aEEG. b) Evoked Potentials. c) Cranial ultrasonography – Technique & clinical utility. | 3+3+4 |
| 4. | Role of Doppler flow studies in neonates. | 10 |
| 5. | Transient disorders of thyroid function in neonates. | 10 |
| 6. | Risk factors, etiology and nutritional management of short bowel syndrome in neonates. | 2+2+6 |
| 7. | A 35 year old pregnant woman is diagnosed as HIV positive. Discuss the treatment to prevent HIV infection in new born | 10 |
| 8. | a) Outline an approach to child with suspected intrauterine infection. b) How will you manage a case of congenital syphilis? | 5+5 |
| 9. | a) Pathogenesis of erythroblastosis fetalis. b) How is it diagnosed antenatally? c) Role of Intravenous Immunoglobulin in treatment of this condition. | 3+4+3 |
| 10. | What are the latest recommendations of NRP? How are these different from previous recommendations? What is the Indian adaptation of NRP? | 5+3+2 |
