

NEONATOLOGY

PAPER – III

NEO/D/16/19/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. Aetiopathogenesis, clinical features and management of Cor pulmonale in neonates. 3+3+4
2. Changes in NRP 2015 and critically appraise the changes. 5+5
3. a) Diagnostic approach to a bleeding neonate. 5+5
b) Outline the management of a neonate with grade III intraventricular hemorrhage.
4. a) Enumerate the test performed in Septic screen. 3+7
b) Utility and value of Sepsis screen in neonates.
5. Diagnostic approach and management of a neonate with refractory neonatal seizures. 4+6
6. a) Neonatal chikungunya - Clinical manifestations. 4+3+3
b) Neonatal dengue fever - Management.
c) Neonatal Cytomegaloviral illness - Clinical manifestations.
7. What are growth charts available for neonatal use? Mention their utility. 4+6
8. a) Define birth asphyxia. 2+4+4
b) Pathogenesis of birth asphyxia.
c) Outline the role of therapeutic hypothermia in its management.
9. a) What are the Doppler parameters measured in a neonate? 3+7
b) Role of Doppler sonography in neonatal medicine.
10. a) What is developmentally supportive care? 6+4
b) Write the evidence base for practising developmentally supportive care.
