

NEONATOLOGY

PAPER - III

NEONAT/D/13/19/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.

1. What are the recommendations for prevention of mother to child transmission of Human Immunodeficiency Virus Infection? 10
2. What are the recommendations for planning to set up a level II special care neonatal unit in a district hospital? 10
3. Write briefly on the following: 3+4+3
 - a) Pulse oximeter Masimo technology
 - b) Capnography
 - c) Transcutaneous bilirubinometer
4. Describe the embryopathology and management of congenital diaphragmatic hernia. 5+5
5. Describe the assessment of muscle tone during follow up of a high risk neonate. 10
6. Enumerate the risk factors and aetiology of short bowel syndrome in neonates and describe its nutritional management. 2+2+6
7. Discuss evidence based measures for prevention of infection in nursery. 10
8. Describe the pathophysiology and management of septic arthritis of hip in a neonate. 4+6
9. Classify severity of hypothermia in neonates. Describe its pathophysiology and management in neonates. 2+(4+4)
10. Describe the classification, staging and protocol for screening for retinopathy of prematurity. 3+3+4
