NEONATOLOGY
PAPER – II

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. a) Risk factors for neonatal invasive candidal disease.  
   b) Management of such a case.  
   6+4
2. Long term medical and neuro-developmental challenges of VLBW neonates.  
   5+5
3. Approach to a neonate with antenatally diagnosed hydronephrosis.  
   10
4. a) Define neonatal hypertension.  
    b) Outline the diagnostic approach to a hypertensive neonate.  
    2+8
5. Total parenteral nutrition in the neonate – indications, constituents and monitoring during therapy.  
   3+3+4
   4+6
7. What is neonatal abstinence syndrome? What are the symptoms and treatment of this condition?  
   4+(3+3)
8. Determinants of prognosis following Hypoxic Ischaemic Encephalopathy.  
   10
9. A neonate presents with acute respiratory distress and has normal chest radiograph. Discuss the differential diagnosis and approach to this case.  
   6+4
10. a) Enumerate the inherited metabolic disorders associated with a hepatitis syndrome of infancy.  
   b) Clinical features and the pathogenetic mechanism of alpha-one antitrypsin deficiency.  
   4+(3+3)

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