

NEONATOLOGY

PAPER – II

NEONAT/D/15/19/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
6.	Human Genome Project and its impact on clinical practice in Neonatology.	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)
