

NEONATOLOGY

PAPER-II

Time: 3 hours
Max. Marks:100

NEONA/J/19/19/II

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. How do you monitor a newborn on total parenteral nutrition (TPN)? Describe the management of neonatal cholestasis due to TPN. 5+5
2. What are the indications of CPAP? How do you measure adequacy of CPAP and wean a newborn from CPAP? 4+(2+4)
3. Define the hemodynamics of significant PDA. What is the role of 2D Echo and evidence for its management? 4+(2+4)
4. Enumerate various problems of IDM. Discuss management of their hematologic and metabolic morbidities. 2+(4+4)
5. Enumerate evidence based risk factors for ROP. How do you follow up a preterm for ROP? 5+5
6. Describe the pathogenesis and management of viral pneumonia in newborn. 5+5
7. Describe the noninvasive methods of diagnosis of genetic and congenital birth defects, antenatally and after birth. 5+5
8. How do you prevent and manage moderate to severe hypothermia in SNCU? 5+5
9. Define fetal growth restriction. Discuss the role of ultrasound in management of fetal growth restricted babies. 2+8
10. How do you diagnose and manage renal failure in newborn? 5+5
