

NEONATOLOGY

PAPER – III

NEONAT/J/17/19/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. Management of pain in a neonate. 10
2. a) Enumerate the pulmonary vasodilators used in neonates. 3+7
b) Utility of pulmonary vasodilators used in neonates.
3. a) Enumerate the causes of hydrocephalus in neonates. 5+5
b) Management of hydrocephalus in neonates
4. Prioritise and discuss measures for prevention of infection in nursery 5 +5
5. Risk factors, patho-physiology and management of thromboembolism in neonates 3+4+3
6. Outline an approach to a neonate with thrombocytopenia. 10
7. a) What is HIE? 2+3+5
b) How do you diagnose it?
c) Total Body Hypothermia as a management strategy for this condition.
8. a) What is Extra Uterine Growth Restriction (EUGR)? 3+3+4
b) How would you diagnose this in a neonate?
c) Outline the management of a child with EUGR.
9. a) Human Milk Banking. 4+3+3
b) Near Infra Red Spectroscopy.
c) Insulin like growth factor binding protein.
10. a) What are the diseases which may be amenable to prenatal treatment? 3+7
b) Prenatal Hematopoietic Stem Cell Transplantation.
