

NEONATOLOGY

PAPER – II

NEO/D/16/19/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) Features and management of neonatal pain. (3+4)+3
b) What are the long term effects of neonatal pain?
2. a) Congenital dislocation of hip - Diagnosis & management. 6+4
b) Arthrogyposis multiplex congenita - Etiopathogenesis.
3. Aetiopathogenesis and management of neonatal hypocalcemia. 4+6
4. a) Antibiotic resistance 5+5
b) Antibiotic stewardship
5. a) Ventilator associated pneumonia-Risk factors & management. 4+3+3
b) A difficult to wean neonate from ventilator.
c) High frequency ventilation.
6. Prenatal interventions for a fetus with lower urinary tract obstruction and post natal management of the same. 5+5
7. Fetal stem cell therapy and the advancements in the last decade. 5+5
8. Principles & clinical applications in Neonatology: 5+5
a) Near infra red spectroscopy.
b) Magnetic resonance spectroscopy.
9. a) What are the risk factors associated with preterm birth? 4+6
b) Obstetric management of prematurity.
10. a) Status of breast feeding in India. 5+5
b) What are the strategies for improving breast feeding rates in India?
