

QP Code: 103517

Reg. No:

**D.M. (Neonatology) Degree Regular/Supplementary Examinations
December 2025**

Paper III– Clinical Neonatology

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. A term neonate weighing 2.2 Kg, born vaginally in a peripheral hospital, is transferred at 2 hrs of life to a tertiary facility, on oxygen with nasal prongs, with the history of meconium-stained amniotic fluid, birth asphyxia, severe respiratory distress and inability to achieve pulse ox saturations on 100% oxygen. Describe the immediate and continuing management, differential diagnosis, investigations and counselling in such a case.

Short essays: (8x10=80)

2. Factors to consider when assessing readiness for discharge from the NICU of an ELBW neonate.
3. Early intervention in NICU.
4. Management of hypernatremia.
5. Management of pneumothorax in a baby on ventilator.
6. Central Line Associated Blood Stream Infection (CLABSI) bundle.
7. Interventions in the first golden hour in ELBW babies.
8. Renal adjustments of commonly used antibiotics used in NICU.
9. Immediate management of critical congenital heart diseases after birth.
