

QP Code: 101517

Reg. No:

**D.M. (Neonatology) Degree Regular/Supplementary Examinations
November 2023**

**Paper I – Basic Sciences, Perinatology, Resuscitation, Equipment in Neonatal
Care**

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. Discuss the development of the lung and the anomalies associated with the different stages. Elaborate on the pathophysiology of Congenital Diaphragmatic Hernia (CDH). Add a note on prognostication in CDH.

Short essays:

(8x10=80)

2. Cerebral perfusion ratio. Add a note on late FGR.
3. Optimal antenatal management of gestational diabetes mellitus.
4. Endotracheal tube fixation – controversies and recommendations.
5. Pulse oximetry in the labour room.
6. Trans epidermal water loss.
7. AEEG.
8. Implications of maternal COVID-19 for the neonate.
9. Neuronal plasticity.
