

QP Code: 101517

Reg. No:

**D.M. (Neonatology) Degree Regular/Supplementary Examinations
September 2020**

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 lungs. Add a note on the pathophysiology of bronchopulmonary dysplasia.

Short essays: (8x10=80)

2. Doppler in IUGR
3. Oxygen targets for the preterm in the delivery room
4. Mechanisms of ductal closure
5. Controversies in antenatal corticosteroid use
6. Phase change material in newborn care
7. Anion gap
8. Antenatal neuro-protective strategies
9. Point of care USG
