

QP Code: 101517

Reg. No:

D.M. (Neonatology) Degree Examinations July 2018

Paper I – Basic Sciences, Perinatology, Resuscitation, Equipment in neonatal care

Time: 3 hrs

Max marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Describe the embryology, growth, and development of the lung, extra uterine survival in different gestations, and discuss anomalies formed during development.

Short essays:

(8x10=80)

2. Placental immunology
3. Recent modifications in the national guidelines for neonatal resuscitation
4. Immunization in antenatal and postnatal period
5. Chorionic villus sampling.
6. Compare overhead warmer with incubator
7. Therapeutic hypothermia for perinatal asphyxia - mechanism of action
8. Cord blood gas
9. T-piece resuscitator
