

QP Code: 101517

Reg. No:

D.M. (Neonatology) Degree Supplementary Examinations January 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 marks)

1. Describe the development of central nervous system. How will you prevent the occurrence of neural tube defects

Short essays:

(8x10=80)

2. Surface marking for pulmonary segments
3. Recent modifications in the guidelines for neonatal resuscitation
4. Prevention of vertical transmission of HIV infection
5. EXIT therapy
6. Clinical applications of gene therapy
7. Therapeutic hypothermia for perinatal asphyxia- mechanism of action
8. Anion gap
9. Role of chorionic villus sampling for genetic disorders
