

QP Code: 101517

Reg. No: .....

**D.M. (Neonatology) Degree Regular/Supplementary Examinations  
August 2021**

**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 bilirubin metabolism in detail. Discuss the limitations in bilirubin metabolism in the preterm infant. Add a note on the clinicopathologic correlates of bilirubin encephalopathy.

**Short essays:**

**(8x10=80)**

2. Assisted reproductive techniques - implications for the neonate
3. Fetal echocardiography
4. Neonatal implications of auto immune disease in the mother
5. Intrapartum fetal monitoring
6. Physiology of the developing kidney
7. Laminar flow
8. Laryngeal mask airway
9. Team work in the delivery room

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