

**QP Code: 101517**

**Reg. No: .....**

**D.M. (Neonatology) Degree Regular/Supplementary Examinations  
August 2022**

**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. Describe the development of heart. What are the changes that take place in circulation after birth.

**Short essays:**

**(8x10=80)**

2. Recent NRP guidelines for resuscitation
3. Free radical injury
4. Congenital cytomegalovirus infection
5. Newer antifungals
6. Poor prognostic markers in hypoxic ischemic encephalopathy
7. Role of zinc supplementation in neonatal practice
8. Investigations for direct hyperbilirubinemia in newborns.
9. Management of infant of diabetic mothers

\*\*\*\*\*