

**D.M. – NEONATOLOGY**

**Paper IV – COMMUNITY NEONATOLOGY, NATIONAL MCH PROGRAMMES, ALLIED DISCIPLINES, NEURO DEVELOPMENT FOLLOW UP, RECENT ADVANCES, REHABILITATION ETC.,**

*Q.P.Code: 161454*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail the concept, status and implementation of Home based Newborn care in India. Remark on relevant health programs and personnel in this regard.
2. Enumerate and discuss the evidences on the newer strategies for improvement of Neurodevelopment outcomes in Preterm infants.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Aerosol delivery in ventilated neonates.
2. Autologous transfusions in Newborn infants – Challenges and controversies.
3. Discuss the contribution of SNCUs in reducing neonatal mortality.
4. Newer drug delivery systems.
5. Cord Blood Banking – evidence and recommendations.
6. Role of Cerebral Function Monitoring in Therapeutic Hypothermia.
7. Liquid ventilation in neonates.
8. Resuscitation with Intact Placental Circulation.
9. Strategies to improve collection and storage in Human Milk Banks.
10. Bailey neurodevelopmental assessment vs DDST.

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