

D.M. – NEONATOLOGY

Paper III – CLINICAL NEONATOLOGY AND NEONATAL INTENSIVE CARE INCLUDING NEONATAL TRANSPORT

Q.P.Code: 161453

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss an approach to cardiovascular support based on disease pathophysiology to achieve haemodynamic stability in a critically ill neonate.
2. Describe Therapeutic hypothermia for Hypoxic Ischemic Encephalopathic Infants. Discuss its implementational challenges in Low and middle-Income countries.

II. Write notes on:

(10 x 7 = 70)

1. Predictors of Bronchopulmonary Dysplasia.
2. Preventive and Management strategies of Intraventricular Haemorrhage in neonates.
3. Approach a neonate with late onset hypocalcaemia.
4. Early aggressive Parenteral Nutrition – Controversies and Challenges.
5. Humidified High Flow Nasal Cannula therapy.
6. Prognostic factors in a neonate with Congenital Diaphragmatic Hernia.
7. Ventilatory strategies in a neonate with air leak.
8. Examination of Eyes in newborns – an insight.
9. Analysing the efficacy of neonatal transport systems.
10. Modalities of Early stimulation therapy in Level III NICU.
