

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DM 0823]

AUGUST 2023

Sub. Code :1452

D.M. – NEONATOLOGY

PAPER II – CLINICAL NEONATOLOGY

Q.P. Code: 161452

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. List the criteria and equipments needed for initiation of therapeutic cooling in babies with Hypoxic ischemic encephalopathy. Discuss the complications and the controversies in therapeutic cooling.
2. Discuss the approach in the management of a Floppy neonate. Discuss the clinical features, diagnosis and management of Spinal muscular atrophy in neonate.

II. Write notes on:

(10 x 7 = 70)

1. Intralipids in Total Parenteral Nutrition.
2. Molecular diagnosis of Neonatal sepsis.
3. Exchange transfusion in newborn.
4. Discuss briefly weaning of neonates from invasive ventilation.
5. Hemodynamically significant PDA in a preterm and its management.
6. Congenital heart block – Clinical features, diagnosis and management.
7. Portal vein thrombosis in Neonates.
8. Transfusion associated Gut injury.
9. Gastroesophageal reflux Disease in Preterm Neonate.
10. Persistent hypoglycemia.
