

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

[DM 0823]

AUGUST 2023

Sub. Code :1454

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 about the quality improvement initiative to improve neonatal care in NICUs. Write briefly about National Quality Assurance Standard (NQUAS).
2. Enumerate and discuss on the newer strategies for the improvement of Neurodevelopment outcomes in Preterm infants.

II. Write notes on:

(10 x 7 = 70)

1. Epidermolysis bullosa.
2. Neonatal MRI in predicting early childhood neuro developmental outcomes.
3. Vasopressin as an inotrope in Neonates.
4. Probiotics in NNEC, recent evidences.
5. Aseptic Non-touch Techniques (ANTT) in reduction of Health care associated infection.
6. Role of Next Generation Sequencing (NGS) in Newborn screening.
7. Transcutaneous bilirubinometer.
8. Benefits of Volume Guarantee in high frequency oscillatory ventilation.
9. Management of invasive fungal sepsis in Newborn.
10. Write a note on the “Omics” approach in the management of Bronchopulmonary dysplasia.
