

(LD 084)

AUGUST 2013

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:

(2X15=30)

1. Write notes on Dr.Muthulakshmi Reddy scheme and its impact on neonatal health in Tamilnadu.
2. Diagnostic approach to disorders of acid base balance and their management in a neonate.

II. Write notes on:

(10X7=70)

1. Tests for hearing screening of high risk neonates and interpretation brain stem evoked auditory response?
2. Adreno cortical axis in extremely low birth weight infants.
3. Antenatal markers of chromosomal disorders in foetus.
4. Role of magnetic resonance spectroscopy in neonatology.
5. Transcutaneous bilirubin measurement.
6. Merits and demerits of T-Piece Resuscitator.
7. Uses and limitations of the fetal biophysical profile.
8. Non-invasive assessment of lung volume.
9. Variables that can be manipulated during mechanical ventilation to improve oxygenation and ventilation in the neonate?
10. Verbal autopsy as a tool to investigate neonatal death.
