

(LR 084)

NOVEMBER 2020
(AUGUST 2020 SESSION)

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. Rashtriya Bal Swasthya Karyakram (RBSK), Describe the structure and function of District Early Intervention Centres (DEIC).
2. Describe the changes in muscle tone in fetus and during infancy and how it is assessed in neuro developmental follow up.

II. Write notes on:

(10 x 7 = 70)

1. Home based versus facility based newborn care.
2. Describe the role of artificial intelligence in neonatology.
3. Developmentally supportive care for newborn.
4. Describe the levels of newborn care and requirements of level III care.
5. Recent advances in management of broncho pulmonary dysplasia.
6. Discuss prophylactic therapies in vogue in preterm care and the current evidences for them.
7. Role of smart phone Apps in neonatology and Tele-neonatology.
8. Growth charts for neonatal use and their utility.
9. Describe management of ‘inadequate milk’ in breast feeding and role of breast milk bank.
10. Newborn screening by dried blood spot.
