

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

[DM 0222]

FEBRUARY 2022

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 Janani Suraksha Yojana (JSY) and Janani Shishu Suraksha Karyakram (JSSK) programmes.
2. Describe the multidisciplinary management of a high risk neonate with moderate neurodevelopmental handicap.

II. Write notes on:

(10 x 7 = 70)

1. Human milk fortification- Types and Challenges.
2. Role of prebiotics and probiotics with evidence.
3. Discuss common Birth defects and National birth defects registry.
4. Fetal stem cell therapy and the advancements.
5. Status of breast feeding in India and strategies for improving breast feeding rates in India.
6. N95 masks and other masks.
7. Describe levels of neonatal care and discuss regionalization of neonatal care in health system in India.
8. Volume-targeted versus pressure-limited ventilation in the neonate.
9. Verbal Autopsy for investigating neonatal death.
10. Learning neonatal resuscitation by simulation technique.
