

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 2214

**M.Sc. RESPIRATORY THERAPY
SECOND YEAR (From 2019-2020 & 2020-2021 onwards)
PAPER IV- NEONATAL / PEDIATRIC RESPIRATORY CARE**

Q.P. Code : 282214

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Anatomy of pediatric airway, its assessment and causes of difficult airway.
2. Modes, strategies and weaning of Mechanical ventilation in Neonates.

II. Write Short Notes on:

(10x6 = 60)

1. Physiological Changes Following Birth.
2. Transposition of great arteries.
3. Bronchiolitis.
4. Oxygen therapy devices.
5. Goals of mechanical ventilation in pediatric.
6. Humidification.
7. APGAR score.
8. HFOV.
9. Hyaline membrane disease.
10. Airway clearance technique.
