

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

[AHS 0122]

**JANUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 2211

**M.Sc. RESPIRATORY THERAPY
SECOND YEAR (From 2019-2020 onwards)
PAPER I - ADVANCED RESPIRATORY THERAPY - II
*Q.P. Code : 282211***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Define difficult intubation and how will you evaluate patient for difficult laryngoscopy and endotracheal intubation.
2. Classification of weaning by duration and define weaning failure. What are the objective indices which predict successful weaning?

II. Write Short Notes on:

(10x6 = 60)

1. Describe the beneficial effects of appropriate PEEP (Positive End Expiratory Pressure).
2. Brief note on Malampati classification and cormack lehane classification.
3. What is intrinsic PEEP and how will you manage patient with intrinsic PEEP?
4. VAP prevention bundle.
5. Discuss Inverse ration ventilation.
6. Indication and contraindications of ICD and its complications.
7. Mention different types of airway clearance techniques in ICU.
8. Hazards of oxygen therapy in infants.
9. Metabolic acidosis – types, causes and what is corrected anion gap.
10. What are advantages of pressure control ventilation over volume control ventilation?
