

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

**[AHS 0523]**

**MAY 2023**

**Sub. Code: 2211**

**M.Sc. RESPIRATORY THERAPY  
SECOND YEAR  
(Candidate admitted from 2020-2021 Batch onwards)  
PAPER I – ADVANCED RESPIRATORY THERAPY - II**

***Q.P. Code: 282211***

**Time: Three hours**

**Maximum: 100 Marks**

**Answer ALL Questions**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Assessment of Airway for difficult laryngoscopy and endotracheal intubation.
2. Define weaning failure. Classify weaning by duration. What are the indices predicting weaning?

**II. Write notes on:**

**(10 x 6 = 60)**

1. Infection Prevention strategies in ICU.
2. Signs of respiratory distress.
3. What is Auto PEEP, its effect on respiration?
4. Define DVT. Mechanical preventive strategies for DVT.
5. What is Inverse ratio ventilation and its effects?
6. What is Triple Jar Chest drainage system?
7. Strategies for PEEP titration.
8. Types of Airways Clearance technique.
9. Hazards of Oxygen therapy in children.
10. What is SPO<sub>2</sub>, what does it signify?

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