

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

[AHS 0321]

**MARCH 2021**

**Sub. Code: 2204**

**(OCTOBER 2020 EXAM SESSION)**

**M.Sc. RESPIRATORY THERAPY**

**FIRST YEAR (From 2019-2020 onwards)**

**PAPER IV – EQUIPMENT IN RESPIRATORY MEDICINE AND ADVANCED  
RESPIRATORY THERAPY AND CRITICAL CARE**

***Q.P. Code : 282204***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Discuss the Role of Respiratory therapist in the Modern intensive respiratory care. Briefly discuss about the techniques used to increase alveolar ventilation in the ICU patients.
2. Define Acute Respiratory Distress Syndrome (ARDS). Discuss in detail about the Pathophysiology and Management of ARDS.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Discuss in brief about Non Invasive Ventilation?
2. Write short notes on “Care of the Ventilators”.
3. Methods to Prevent Deep Vein Thrombosis?
4. Mention briefly about the Modes of Ventilators.
5. Discuss about the Techniques of Chest Manipulations.
6. Write short notes on Acute Respiratory Failure.
7. Discuss in brief about Oxygen Toxicity.
8. Discuss briefly about the Tracheostomy care in ICU.
9. Write short notes on the techniques used to aid expectoration in critically ill patients?
10. Write short notes on Forced expiratory technique.

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