

**M.D. DEGREE EXAMINATION**

**BRANCH X – ANAESTHESIOLOGY**

**PAPER IV – ANAESTHESIOLOGY INCLUDING CRITICAL CARE AND  
RECENT ADVANCES IN ANAESTHESIOLOGY**

*Q.P. Code: 202042*

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe the Aetiopathogenesis, clinical features and ventilator management of Acute Respiratory Distress Syndrome.
2. What are the criteria for Brain Death and describe the management of brain dead patients for organ donation?

**II. Write notes on:**

**(10 x 7 = 70)**

1. Fast ultrasound in emergency room.
2. Magnesium Toxicity and Management.
3. Defibrillation.
4. Three in one block.
5. Remifentanyl.
6. Obstructive sleep apnea.
7. Newer supraglottic airway device.
8. ECMO.
9. Sedation in ICU.
10. Thromboelastogram.

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