

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(DEEMED TO BE UNIVERSITY), SALEM**

**M.D. DEGREE EXAMINATION - July 2021**

**GENERAL MEDICINE**

**PART II - PAPER I: MEDICINE INCLUDING PSYCHIATRY**

Time: Three hours

Maximum : 100 Marks

**Answer ALL questions**

**SECTION - A**

**Write essays on:** (1 x 20 = 20)

1. Write about clinical approach to Hypoxia. A note on compensatory mechanisms in hypoxemia and hypoxia. Indications for Oxygen therapy (short & Long term) & deleterious effects of O<sub>2</sub> therapy.

**Write short notes on:** (5 x 6 = 30)

2. Sudden cardiac death.
3. Classification of respiratory failure.
4. Biomarkers in sepsis.
5. Breaking bad news.
6. A note on DNR (Do Not Resuscitate) and Lazarus phenomenon.

**SECTION - B**

**Write essays on:** (1 x 20 = 20)

7. Define heart failure. Discuss types, Pathophysiology, clinical features and recent advances in management of Heart failure.

**Write short notes on:** (5 x 6 = 30)

8. Drug induced Liver disease.
9. Obstructive sleep apnea (OSA).
10. Structure and functions of the Nephron.
11. Post traumatic stress disorder and its management.
12. Define Ventilator associated pneumonia (VAP) and Hospital acquired pneumonia (HAP). Discuss management of VAP.