

**QP Code:104101**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Anaesthesiology (MD)  
December 2020**

**Paper IV – Recent Advances, Intensive Care and Pain Medicine**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe the evolution of modern intensive care unit (ICU). Discuss how do you set up an ICU for a 1000 bedded hospital. (10+10)

**Short essays:**

**(8x10=80)**

2. Metabolic acidosis.
3. Brain death and its documentation.
4. Recruitment maneuvers.
5. Chronic pain therapy – indications and methods.
6. Management of septic shock.
7. Complications of tracheostomy
8. PEEP (Positive End Expiratory Pressure)
9. Patient ventilator asynchrony.

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