

**QP Code:104101**

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

**PG Degree Supplementary Examinations in Anaesthesiology (MD)  
November 2022**

**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 importance of acute pain service. How will you establish acute pain services in a teaching hospital, note on recent advances in multimodal analgesia

**Short essays: (8x10=80)**

2. Role of anesthesiologist in emergency and critical care
3. Explain Positive End Expiratory Pressure (PEEP). How is optimal PEEP determined
4. What is total parenteral nutrition and add a note on the complications with it.
5. Recent advances in cardio pulmonary resuscitation
6. Criteria and neurological tests for diagnosis of brain death
7. Describe the criteria for weaning off the patient on ventilator support.
8. Classify shock. Discuss in brief, the management of septic shock
9. Management of a patient with pesticide poisoning in the intensive care unit

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