

QP Code:104101

Reg. No.:.....

**PG Degree Supplementary Examinations in Anaesthesiology (MD)
January 2024**

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. Compare and contrast the differences in basic life support interventions between an adult and an infant. Describe the algorithm for pulseless electrical activity in an adult.

Short essays:

(8x10=80)

2. Indications, technique and complications of percutaneous dilatational tracheostomy.
3. Approach for management of a patient with metabolic acidosis in the ICU.
4. Role of simulation for training and evaluation of anesthesia residents.
5. What is fluid responsiveness. What are the various static and dynamic indices of fluid responsiveness.
6. How would you prescribe TPN to a 50kg patient in the ICU.
7. Coeliac plexus block.
8. Thromboelastography.
9. Criteria for discharge after ambulatory surgery.
