

QP Code:104101

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Anaesthesiology
(MD) May 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. Define the terms systemic inflammatory response syndrome, sepsis and septic shock. Describe the pathophysiology of sepsis. Discuss the recent trends in haemodynamic stabilization of septic shock.

Short essays:

(8x10=80)

2. What is Base excess/deficit. How do kidneys compensate for acid-base imbalance
3. Diagnosis, management and prophylaxis of Deep vein thrombosis.
4. Concept of ERAS
5. Indications, approaches and techniques of Sciatic nerve block.
6. Physics of Ultrasonography and its role in the practice of anesthesia and in the ICU.
7. Inverse ratio ventilation.
8. Treatment of acute pulmonary edema.
9. Clinical features and management of anaphylaxis
