

QP Code:101176

Reg. No.:.....

**P.G. Diploma Regular/Supplementary Examinations in Anaesthesiology
(DA) June 2020**

Paper I - Basic Sciences as Applied to Anaesthesiology

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 Functional Residual Capacity (FRC). Explain the importance of FRC in normal respiratory function. How is FRC measured. Enumerate the factors affecting FRC during general anaesthesia.

Short essays:

(8x10=80)

2. Role of ultrasound in anaesthesia
3. WTG Morton
4. Interscalene brachial plexus block
5. Venturi principle and its applications in anaesthesia.
6. Minimum Alveolar Concentration (MAC)
7. Amiodarone
8. Microcuff endotracheal tubes
9. Anatomy of epidural space.
