

QP Code:101176

Reg. No.:.....

**P.G. Diploma Regular/Supplementary Examinations in Anaesthesiology
(DA) May 2021**

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. Describe the anatomy of brachial plexus with the help of a diagram. What are the approaches of brachial plexus block. Discuss their advantages and disadvantages.

Short essays:

(8x10=80)

2. Bedside pulmonary function tests
3. Sir Ivan Magill
4. Draw hemoglobin oxygen dissociation curve and enumerate the conditions causing shift of the curve to the either side
5. Rocuronium
6. Starling's equation.
7. Hyperkalaemia
8. Opioid receptors
9. Safety features in anaesthesia machines
