

QP Code:101176

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Anaesthesiology (DA)  
December 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. Describe the anatomy of the neuromuscular junction. Enumerate various patterns of neuromuscular monitoring and their application during general anaesthesia.

**Short essays:**

**(8x10=80)**

2. Oxy haemoglobin dissociation curve
3. Laryngeal Mask Airway supreme (LMA supreme)
4. Post-operative hypoxaemia
5. Principle and clinical applications of capnography
6. Post dural puncture head ache
7. August Bier
8. Local anaesthetic systemic toxicity
9. Bain's circuit

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