

QP Code: 101101

Reg. No.:.....

**PG Degree Supplementary Examinations in Anaesthesiology (MD)
November 2022**

Paper I – History, Basic Sciences & Equipments

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 physiology of neuromuscular transmission. Discuss how neuromuscular blockers produce neuromuscular blockade. Describe how neuromuscular blockade can be monitored. (6+6+8)

Short essays:

(8x10=80)

2. Oxygen cascade, oxygen transport and oxygen dissociation curve
3. Anatomy of larynx. Enumerate with diagrams the types of vocal cord palsies
4. Capnometry
5. Temperature regulation and monitoring
6. Supra glottic airway devices
7. Plasma proteins and anesthesia
8. Venturi principle and its applications
9. Bed side pulmonary function evaluation
