

**QP Code:101176**

**Reg. No.:.....**

**P.G. Diploma Supplementary Examinations in Anaesthesiology (DA)  
October 2018**

**Paper I - Basic Sciences as Applied to Anaesthesiology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagram wherever necessary*

**Essay: (20)**

1. Discuss the anatomy of neuromuscular junction and the physiology of neuromuscular transmission. Describe the mechanism of action of neuromuscular blocking drugs.

**Short essays: (8x10=80)**

2. Pressure regulators
3. Oxygen Dissociation Curve (ODC)
4. Hyperkalaemia
5. Crawford W Long.
6. Beta blockers in anaesthetic practice
7. Principles and clinical applications of capnography
8. Cerebral autoregulation
9. Nerve supply of larynx

\*\*\*\*\*