

QP Code: 101101

Reg. No.:.....

**PG Degree Supplementary Examinations in Anaesthesiology (MD)  
October 2019**

**Paper I – History, Basic Sciences & Equipments**

Time: 3 hrs

Max marks:100

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

**Essay:**

**(20)**

1. Describe the regulation of cerebral blood flow. What are the factors that affect the intracranial pressure perioperatively. Discuss various methods used to reduce intracranial pressure. (6+6+8)

**Short essays:**

**(8x10=80)**

2. Coaxial breathing systems
3. Renal function tests
4. Alpha receptor agonists
5. Pulse oximetry
6. Physiological changes during pregnancy
7. Sir Ivan Magill
8. Metabolic acidosis
9. Management of CICV (Cannot intubate, Cannot Ventilate) situation in the OT.

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