

QP Code: 101101

Reg. No.:.....

PG Degree Supplementary Examinations in Anaesthesiology (MD) -

November 2017

Paper I – History, Basic Sciences & Equipments

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Describe the anatomy of cerebral circulation. Discuss the factors regulating cerebral blood flow.

Short essays:

(8x10=80)

2. Horace Wells.
3. Gas laws.
4. Pumping effect and second gas effect.
5. Principles and design of modern anesthesia vaporizers.
6. Hypoxic pulmonary vasoconstriction.
7. Compare desflurane and sevoflurane.
8. Mannitol.
9. Anatomy and physiology of human diaphragm.
