

QP Code: 101101

Reg. No.:.....

**PG Degree Supplementary Examinations in Anaesthesiology (MD)
October 2018**

Paper I – History, Basic Sciences & Equipments

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe the anatomy and physiology of coronary circulation. Describe briefly on various cardiac indices and what are the risk factors in the Lee revised cardiac index

Short essays:

(8x10=80)

2. Aerosol drug therapy
3. Vasopressin use in ICU.
4. James Young Simpson.
5. PIN index system.
6. Hypoxic pulmonary vasoconstriction.
7. Hagen-Poiseuille equation.
8. Neuromuscular transmission monitoring.
9. Metabolic acidosis
