

**QP Code:101119**

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

**PG Degree Examinations in Emergency Medicine (MD) - June 2016**

**Paper I – Applied Basic Sciences, General Emergency Medicine and Disaster Preparedness**

**Time: 3 hrs**

**Max marks:100**

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

**Essays: (20)**

1. Discuss the blood supply to brain, auto regulation and add a note on intra cranial pressure. Mention the emergency management of raised intra cranial pressure in emergency room and the indication for surgical intervention.

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

2. Airway anatomy in normal adults and its variation in pregnancy, paediatrics
3. RUSH protocol and its use in assessing emergency patients
4. Chest compression fraction and its importance in effective CPR
5. Dynamic hyperinflation and adverse effect of auto PEEP. How to manage this in a patient on mechanical ventilation
6. Recognition and management of bradyarrhythmia
7. Hyponatremia-causes and management
8. Subclavian vein-anatomy. Indications, contra indications, techniques and complications of subclavian vein cannulation
9. Lung volumes

\*\*\*\*\*