

QP Code: 103176

Reg. No.:.....

**P.G. Diploma Supplementary Examinations in Anaesthesiology (DA) –
November 2017**

Paper III- Critical Care, Pain Medicine and Recent Advances

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Mention the criteria for a brain stem dead patient for organ donation. What are the pathophysiological changes that can occur following a brain stem death. Enumerate the organs that can be harvested and explain how you would manage a potential heart-beating organ brain dead donor during donation

Short essays:

(8x10=80)

2. Nitric oxide.
3. Use of muscle relaxants in Intensive care unit.
4. Anaesthetic implications of a patient posted for magnetic resonance imaging under anaesthesia.
5. Weaning criteria in a patient of COPD on ventilator.
6. Methods of decreasing increased intracranial pressure.
7. Modified guidelines of cardio-pulmonary -resuscitation- 2010
8. Deep vein thrombosis prophylaxis in anaesthesia practice.
9. Massive blood transfusion.
