

QP Code:103176

Reg.No.:.....

**P.G. Diploma Examinations in Anaesthesiology (DA) - , May 2016**

**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. What is ventilator-induced lung injury and how do you prevent it. Explain the relative importance of volutrauma and barotrauma. What are the practical importance and management of ventilator induced lung injury.

**Short essays:**

**(8x10=80)**

2. What are the effects of an overdose of tricyclic antidepressant drugs.
3. What are the indications for performing a tracheostomy. List the complications of tracheostomy.
4. A patient who has undergone a heart transplant requires non-cardiac surgery. What problems may this present for the anaesthetist.
5. Describe physiology of spinal cord injury and effects
6. List the causes of neurogenic pain with examples. Mention its symptoms and available treatments.
7. Discuss the management of a patient admitted to the ICU with 50% first to second degree burns
8. Discuss the differential diagnosis and management of stridor in a 3-years-old child
9. A 24 years old female is complaining of abdominal cramps and vomiting two hours following D&C for missed miscarriage. Discuss the differential diagnosis and management.

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