

(LC 147)

APRIL 2013

Sub. Code: 2042

**M.D. DEGREE EXAMINATION**

**BRANCH X –ANAESTHESIOLOGY**

**ANAESTHESIOLOGY INCLUDING CRITICAL CARE AND RECENT  
ADVANCES IN ANAESTHESIOLOGY**

*Q.P.Code: 202042*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Describe the management of anaesthesia in a 10 year old boy for removal of a foreign body from the bronchus
2. Discuss the nutritional support for the critically ill patients in intensive care units.

**II. Write notes on:**

**(10X7=70)**

1. Systemic responses to sepsis and their Management
2. Drugs and methods used for Analgesia and sedation in critically ill patients.
3. Properties and applications of Xenon in anaesthesia
4. Mechanisms and method of measurement of Intrinsic Positive End Expiratory pressure.
5. Properties and metabolism of Sevoflurane.
6. Mechanism of action and uses of Flumazenil.
7. Scoring and interpretation of the Post-anaesthesia discharge scoring system.
8. Definition and measurement of Work of breathing.
9. Ventilatory management of severe asthma.
10. Measurement and interpretation of Diffusing capacity of lungs.

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