

[LB 144]

OCTOBER 2012

Sub. Code: 2039

**M.D. DEGREE EXAMINATION
BRANCH X – ANAESTHESIOLOGY
MEDICINE APPLIED TO ANAESTHESIOLOGY
Q.P. Code : 202039**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

**Pages Time Marks
(Max.) (Max.) (Max.)**

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|---|----|----|----|
| 1. Discuss the preoperative evaluation and anesthetic management of an emergency abdominal operation in a 60 year old man who had myocardial infarction six weeks back. | 16 | 35 | 15 |
| 2. Discuss the current concepts in the management of a case of chronic obstructive airway disease in respiratory failure. | 16 | 35 | 15 |

II. Write notes on :

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|--|---|----|---|
| 1. Enumerate the approaches and complications of cannulation of Internal Jugular Vein. | 4 | 10 | 7 |
| 2. Explain the positional hazards under anesthesia. | 4 | 10 | 7 |
| 3. Hazards of smoking, changes that occur following cessation of smoking. | 4 | 10 | 7 |
| 4. Etio pathogenesis of Venous air embolism, diagnosis and Prevention. | 4 | 10 | 7 |
| 5. Metabolic changes that occur in child with congenital pyloric stenosis. | 4 | 10 | 7 |
| 6. Clinical use of alpha 2 agonists in anesthesia. | 4 | 10 | 7 |
| 7. Write about injection Remifentanyl. | 4 | 10 | 7 |
| 8. What is Functional residual capacity? How is it measured? what is it's importance? | 4 | 10 | 7 |
| 9. Current oral antidiabetic drugs and their perioperative use. | 4 | 10 | 7 |
| 10. Sickle cell traits and the problems peculiar to them under anesthesia | 4 | 10 | 7 |
