

112-NR

M.D. DEGREE EXAMINATION – APRIL, 2013

ANAESTHESIOLOGY

Paper-I : Basic Sciences in relation to Anaesthesiology

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Write a note on Sir Robert McIntosh
2. Describe the formation and circulation of cerebro spinal fluid.
3. Write note on second gas effect
4. Discuss the applications of gas laws in Anaesthesia.
5. What are the physiological changes that occur during artificial ventilation?
6. Describe the anatomy of coronary circulation. What are the physiological factors that alter the blood flow in the circulation.
7. Describe the applied Anatomy of an intercostal nerve and the sites at which it can be blocked and complications of such block.
8. Describe newer muscle relaxants and their use.
9. Compare the Pharmacological effects of Halothane and Isoflurane.
10. Describe the various methods of Humidification of the inspired gases, mentioning the merits and demerits of each.

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