

112-NR

M.D. DEGREE EXAMINATION – APRIL, 2012

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. Describe coronary circulation and various factors that alter the blood flow in the coronary circulation.
2. Write about temperature regulation in children.
3. Write a note on Crawford Long.
4. Write about contents of soda lime and mechanism of absorption of carbon dioxide.
5. Discuss about bed side tests to predict difficult intubation.
6. Describe physiological principles of cardiopulmonary bypass.
7. Write a note on technique and mechanism of action of intravenous regional anaesthesia.
8. Write about capnography and its abnormal tracings.
9. Discuss the methods of intracranial pressure monitoring. Mention the uses and complications of intracranial pressure monitoring.
10. Describe Train-of-four stimulation and its intraoperative uses.

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