

114-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

ANAESTHESIOLOGY

Paper-III : Principles and Practice of Anaesthesiology

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Discuss the preoperative evaluation and management of a 72 year old patient with history of hypertension and ischaemic heart disease posted for gastrectomy.
2. Causes of delayed recovery after anaesthesia and line of management
3. Discuss pharmacokinetics and pharmacodynamics of clonidine and its role in clinical practice.
4. Discuss hemodynamic and metabolic changes during aortic clamping and unclamping. Describe renal protective measures during aortic clamping.
5. Define hypokaliemia. What are the clinical manifestations of hypokaliemia? How would you treat hypokaliemia intraoperatively?
6. What is cerebral autoregulation? Discuss the implications of various inhalational anaesthetic agents on cerebral autoregulation.
7. What are the signs and symptoms of organophosphorus poisoning? Discuss its management.
8. Describe common intraoperative arrhythmias and their management.
9. Detail the anaesthetic management, complications and post operative management in a child aged 5 years presenting for correction of Strabismus
10. Define base excess. How do kidneys compensate for acid base imbalance?

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