

**Q.P.CODE:115-NR***Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – APRIL, 2018****ANAESTHESIOLOGY****Paper-IV : 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. Management of a head injury patient in critical care unit. Describe the modalities that are available to reduce intracranial pressure.
2. How do you assess autonomic neuropathy in a diabetic patient. Enumerate the various methods available for intra operative glycemic control.
3. Describe the various blood substitutes available for clinical use.
4. Describe patient controlled analgesia for chronic pain relief.
5. Describe the diagnosis of ventricular fibrillation and pulseless ventricular tachycardia and its management.
6. Indication and use of amiodarone in clinical practice.
7. Enumerate the causes of epidural hematoma, its prevention and management
8. Describe the pharmacodynamics of sevoflurane
9. Describe the various methods of endotracheal suction in an adult patient on I.C.U Ventilator
10. What is eutectic mixture of local anesthetic and its uses?

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