

Q.P.CODE:115-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – APRIL, 2019****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

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. Discuss in detail the pre-operative evaluation, preparation and peri-operative management of a 50 year old insulin-dependent diabetic posted for elective cholecystectomy.
2. How is neuromuscular monitoring setup in a patient? Explain its clinical utility in the assessment of neuromuscular block
3. Outline the criteria for establishing diagnosis of brain death
4. Describe the mechanism by which epidurally / intrathecally administered opioids produce analgesia and other effects in a surgical patient. What are the various routes of administration of morphine? Discuss the pharmacodynamics and pharmacokinetics of epidural morphine.
5. Outline ventricular fibrillation algorithm
6. Discuss the management of intraoperative pulmonary oedema
7. Explain the occupational hazards to an anesthesiologist
8. Classify anti-arrhythmic drugs
9. Write a note on inverse ratio ventilation
10. Add a note on MAO inhibitors
