

Dr. NTR University of Health Sciences::Vijayawada-520 008

M.D. DEGREE EXAMINATION – NOVEMBER, 2016

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

WRITE SHORT ESSAYS ON THE FOLLOWING:

1. What is Acid-base balance? How is it regulated? Mention the principles of management of metabolic acidosis.
2. Discuss the anaesthetic management in a 30 year old primigravida, admitted with convulsions and blood pressure 240/130 for LSCS.
3. Describe in brief the principles of one lung anesthesia. Discuss various techniques for lung isolation.
4. Describe the pathophysiology and management of diabetic ketoacidosis
5. Describe the perioperative anaesthetic management of a patient for posterior cranial fossa surgery in sitting position.
6. Describe in brief, the preoperative evaluation, preparation and anesthetic goals in a morbidly obese 30 year old female for bariatric surgery.
7. What is conservation of blood for surgery? Explain in brief, the different techniques used in every-day practice.
8. Describe anaesthetic management in liver transplantation
9. Describe the anesthetic management of 70 years aged woman on treatment of Rheumatoid arthritis for total hip replacement.
10. Describe basic life support measures in adult male brought to emergency room in state of cardiac arrest.
