

Q.P.CODE:112-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – APRIL, 2019****ANAESTHESIOLOGY**

Paper-I : Basic Sciences in relation to 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. Describe the anatomy of the posterior triangle of the neck
2. Discuss the mechanics of human respiration. What are the factors controlling respiration?
3. Explain Hagen-Poiseuille Equation
4. Describe Volume of Distribution
5. Write short notes on Capnography
6. Write a note on the endocrine functions of kidney
7. Discuss Prothrombin time
8. What is mean body temperature? Discuss the relevance of interthreshold range in reference to general anaesthesia.
9. Write a note on Ethylene oxide sterilization
10. Write a note on August Bier.
