
Blitz, Historical, Form T-Z

Name _____ Period _____

This is a Take Home Exam. You may use your Notes, PowerPoint, or Text on this exam but NO help from human beings!

EXPLAIN IN COMPLETE SENTENCES AND GIVE EXAMPLES:

You MUST HAND WRITE THIS EXAM!! NO TYPED PAPERS WILL BE ACCEPTED!

1. Give THREE reasons why Aristotle was called *THE MASTER OF THOSE WHO KNOW*. What is *IPSE DIXIT* and how is it that Aristotle may have held back the advance of Science for 2000 years. Why is he important to Big Chem?
2. Enlighten us on *THE FOUR ELEMENT HYPOTHESIS* of Empedoclese. Draw a diagram relating the *Four Elements* and the *Four Qualities*. Give experimental evidence supporting this idea, and discuss the involvement of energy in it.
3. Describe and explain the *MODERN ATOMIC THEORY* of John Dalton. Compare the similarities and differences of Dalton's ideas with those of Democritus.
4. Tell of the *PERIODIC CHART* of Mendeleev. How is it organized, and what two things did it enable Mendeleev to accomplish? Give THREE examples of the Periodic Chart in action.
5. Discuss the *UNIVERSAL ELEMENT HYPOTHESIS* of Thales of Miletus. Give THREE examples of evidences supporting this idea. What is the *Water Cycle* and give an example of it.

When finished, please STAPLE this exam onto your papers and turn in on due date.
