
Blitz, Historical, Form M-R

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!

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

EXPLAIN IN COMPLETE SENTENCES AND GIVE EXAMPLES:

1. 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.
2. Discuss *ALCHEMY*, its objectives, what was wrong with it, what good it did, and the contributions of the Alchemists.
3. List and explain the FIVE steps of the *SCIENTIFIC METHOD* of Sir Francis Bacon. Tell why this is so important that it earned Sir Francis the title of FATHER OF SCIENCE.
4. Discuss the contributions of *LAVOISIER* to modern chemistry. Include a comparison of the ancient Caloric Hypothesis of Burning with the modern facts of burning.
5. Explain the early *ATOMIC HYPOTHESIS* of Democritus. Tell how the idea came about, give properties of the atoms, and any other pertinent information on the Atoms of Democritus.

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