Chemistry

Introduction - History of chemistry

Directions: Read through the "History of Chemistry" PowerPoint/slide show and answer the following questions. Answers must be in complete sentences (unless fill-in-blank or list) and submitted electronically as an attachment on an email to the instructor.

1. Who is the "Father of Chemistry"?
2. The most important achievement which advanced science/chemistry was being able to control \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
3. At this time, fire was thought to have been an \_\_\_\_\_\_\_\_\_\_\_\_\_, which we know today it is not. Fire is a plasma.
4. When was the time period of the Bronze Age? What is bronze?
5. What was the name of the earliest and best steel of the Steel Age? What is steel made of?
6. Who is given credit for the first atomic theory? What are some differences between the first atomic theory and what we understand about atoms today?
7. What did Aristotle believe material (matter) was made of?
8. Who was the "Father of Medicine"?
9. Explain how one would "equalize" the bodies humors to cure illnesses.
10. What poisonous (toxic) metal was once believed to be the "elixir of life", a special medicine capable of curing just about anything?
11. What was the main objective of alchemy (alchemists)?
12. What was the most important knowledge/technology to come from alchemy in terms of science and chemistry?
13. What are the Chinese given credit for first producing due to their understanding of alchemy/chemistry?
14. Johannes Gutenberg is famous for what technology advancement? Why was this technology significant?