

College Prep Chemistry of the Earth System

Assignment 1A

20 Points

Introduction to Chemistry

Answer the following questions based on the in class discussion, noteset and provided materials

1. Explain how chemistry relates to all other science, specifically biology, earth science, and physics.
2. Define pure and applied chemistry. For each definition below label them as pure or applied:
 - a. Rearrangement of molecules to make a new fuel source for cars
 - b. Determining the way a new atom can react
3. What are the three fundamental parts of chemistry. Why is each part fundamental to chemistry?
4. How does chemistry impact energy and energy production (*conservation, production, and storage*)?
5. Give one application of chemistry in medicine, agriculture, and the environment.