

Name_____

Lit. Sci. I: Time Vocabulary

Genealogy:

Millennia:

Vista:

Prodigious:

Stratification:

Paleonotology:

Discontinuity:

Provincial(ize):

Photosynthesis:

Neolithic:

Name _____ Lit of Science I: Time (Carl Sagan)

1. What is the earliest event about which we have any record?
 - a. Cave paintings in Europe.
 - b. The formation of the Milky Way Galaxy.
 - c. The Big Bang.
 - d. None of the above.
2. Carl Sagan states that the universe, as we know it, has probably existed for about:
 - a. 1,000,000 years.
 - b. 10,000,000 years.
 - c. 15,000,000 years.
 - d. 15,000,000,000 years.
3. If the universe's history is expressed as one year, a second of that year would equal:
 - a. one million years.
 - b. 475 years.
 - c. fifteen billion years.
 - d. 14 years.
4. If the history of the universe is expressed as one year, life would first appear on earth:
 - a. in the first half of the year.
 - b. in the last month of the year.
 - c. in the summer.
 - d. in the last third of the year.
5. If the history of the universe were expressed as one year, dinosaurs would first appear:
 - a. Around Easter.
 - b. During the summer.
 - c. On Christmas Eve.
 - d. Around Halloween.
6. Use the charts to figure out which of the following is true:
 - a. Our galaxy has been around for three quarters of the existence of the universe.
 - b. Humans have existed for a longer time than dinosaurs did before they died out.
 - c. The oxygen atmosphere has been around for most of the earth's existence.
 - d. The earth has been around for less than one third of the universe's existence.
7. Which of the following came first?
 - a. The first Eukaryotic cells.
 - b. The development of significant oxygen in the atmosphere.
 - c. The origin of Ramapithecus, an ancestor of man.
 - d. The first appearance of worms.
8. Which of the following is true about human life on earth?
 - a. Humans have existed for about one tenth of the existence of the earth.
 - b. Humans have existed for about one hundredth of the earth's existence.
 - c. Humans have had fire for most of their existence on earth.
 - d. We are much closer to the Roman Empire than they were to the first cities.

9. Write a full paragraph (at least six sentences) explaining what you think the author is trying to explain to you about time. Explain his main point and then give examples from the article to show how he proves it. While proving it, explain to what extent this information surprised you. (Feel free to write on the back of this sheet.) As usual, we will revise these paragraphs.