

4 points. Match one to one, every answer is used exactly once:

John Ray	Ussher	Linnaeus	Comte de Buffon
Lamarck	Cuvier	Lyell	Copernicus

- _____ used Catastrophism to explain fossils and strata, and linked these to the Bible
- _____ gave us the binomial name *Homo sapiens*
- _____ the Reverend who studied nature to learn about God, and discovered the pattern of genus and species
- _____ determined that the earth is not at the center of the solar system
- _____ first to say that animals change when they migrate to new environments
- _____ the first to devise a theory of evolution, based on fossil sea creatures that became modern animals
- _____ used the Bible to show the earth was less than 6000 years old.
- _____ geologist who disproved catastrophism by demonstrating an old earth and uniformitarianism

3 points. Match one to one, every answer is used exactly once:

Catastrophism	Uniformitarianism	Evolution	Heliocentric
Inheritance of acquired characteristics		Spontaneous generation	

- _____ continuous change thru time
- _____ processes of slow change that we observe today have always operated in the same way in the past.
- _____ the sun is at the center of the solar system
- _____ the earth has been shaped by a series of violent events, and thus may not be very old.
- _____ life forms are always coming into existence from inanimate matter
- _____ changes that happen to you during your life can be biologically inherited by your children

8. Which one was NOT part of Lamarck's ideas about evolution?

- | | |
|--|---|
| A. Spontaneous generation | B. Innate tendency toward complexity and perfection |
| C. Catastrophism | D. Change happens when environments change |
| E. Organs that are used more will get more developed | F. Inheritance of acquired characteristics |

2 point essay: chose one question:

- A. Convince me that primates such as chimpanzees have culture.
- B. Describe the different explanations for the variation in the degree of sexual dimorphism found among various primate species.

Continue on the back

LAST NAME _____ FIRST NAME _____

BONUS Q. Which one of the six items in question # 8 was Lamarck right about? (The only one that is true)