

1. Which is NOT a good example of CULTURE?

- A. Gorillas do not know how to take care of their babies unless they were raised with babies themselves
- B. Chimps only catch termites with sticks if their mothers did
- C. Human babies learn to walk bipedally
- D. Japanese macaques learned to wash the sand off of their food.
- E. Baby macaques raised alone in the Harlow experiments were not able to socialize with other macaques.

2. Which is NOT a likely explanation for why a species has a lot of sexual dimorphism?

- A. Large males are needed to defend the troop
- B. Males compete for females
- C. All males have an equal chance of mating
- D. Smaller females survive and reproduce

3. Which was NOT a part of Lamarck's theory of evolution?

- A. Organisms strive for perfection internally
- B. Body parts that are used more get larger and stronger, and those used less get smaller
- C. Animals change when environments change
- D. Inheritance of acquired characteristics
- E. Spontaneous generation
- F. Great catastrophes allow animals to migrate to new places

4. Lamarck was mostly wrong; which item above was he CORRECT about?

- A.
- B.
- C.
- D.
- E.
- F.

5. What do we mean by the Inheritances of Acquired Characteristics?

MATCH the name to the deed: 5 points

Hutton	Buffon	Ussher	Lamarck	Linnaeus
Spencer	Malthus	Lyell	Cuvier	Boucher de Perthes

- _____ society and everything else progresses; I call that evolution; Social Darwinism, too
- _____ thunderstones were not made by lightening but by the hands of ancient humans
- _____ all animals overreproduce, leading to a struggle for survival due to limited food supply
- _____ uniformitarianism; saw that the earth is old; calculated 70,000 years based on erosion
- _____ refined geology of Hutton, and showed Catastrophism is not necessary to explain strata
- _____ calculated the earth is less than 6000 years old since the creation
- _____ named and classified species according to important phenetic characteristics
- _____ said that each sea invertebrate has evolved into a different modern animal
- _____ wrote about all of science; descent from a common ancestor: one species becomes many as some migrate to new areas
- _____ the strata form and new animals appear due to great catastrophes in the past

Print Name _____

BONUS: why do zoos today have fewer species than they did 50 or 100 years ago?