

Circle the LETTER of the one best answer:

1. The term HOMINID refers to a family; that family contains:

- A. Only humans
- B. Humans and all apes, but not monkeys
- C. Humans, apes and all monkeys
- D. Apes and monkeys, but not humans
- E. Humans, apes and Old World Monkeys, but not New World Monkeys
- F. Great apes, but not humans nor lesser apes.

2. Primates that have little or no sexual dimorphism (such as gibbons and bonobos) usually have:

- A. A surplus of adult males who have no mates
- B. A totally terrestrial life
- C. No competition between males for females (all males have an equal chance to mate)
- D. Extreme competition between males (only the largest males get to mate and have offspring)
- E. A constant threat from predators

3. Most of these observations are evidence that non-human primates have culture; which one is NOT SUCH EVIDENCE??

- A. Chimps make and use termite sticks only if their moms did.
- B. If one old monkey remembers a troop strategy for coping with drought, it can save the whole troop when a drought occurs again.
- C. All members of a certain Japanese macaque troop now wash their sweet potatoes
- D. Only humans walk bipedally
- E. Monkeys raised alone cannot easily socialize when they join a troop later.

4. The statement "Humans do not display estrus." simply means that women:

- A. conceal their menstrual periods from men.
- B. are more likely to desire sex in the days just before they ovulate.
- C. do not have a monthly swelling of the genital region that indicates sexual responsiveness and increased likelihood of conception.
- D. are physically not smaller than men on the average.
- E. are like other apes in that no apes display estrus either.

5. Which is NOT characteristic of savanna baboons (the ones in the *Human Antiquities* textbook and in the *Annual Editions* readings – that live in large Multi-male Multi-female troops)?

- A. the young strong males defend the troop with their canines
- B. the core of the troop is several generations of related females
- C. males migrate from troop to troop
- D. They fight often, but avoid injuring the juveniles
- E. They do not pay much attention to which animal is dominant to which.

6. Savanna baboon males have been observed to have two possible strategies that might result in their passing on of their genes: male primatologists noted they can fight their way up the dominance hierarchy, and thus have more access to females; women observers saw they can:

- a. make friends with a female and later get to mate with her or her daughter
- b. seduce their own mothers.
- c. become homosexual.
- d. become friends with the dominant male by grooming him, and later he will let them share his females.
- e. have sex only with females who are not in estrus.

7. "The biological and geological processes we observe today are the same ones that slowly shaped the earth into what we see today." This statement matches which concept? (Hint: Buffon)

- A. Catastrophism
- B. Mutation
- C. Cuvier's theory
- D. Uniformitarianism

8. "The earth was created in 4004 bc" was a conclusion of:

- A. Ussher
- B. Buffon
- C. Lamarck
- D. Hutton
- E. Erasmus Darwin

9. Which of these was NOT part of Lamarck's theory of evolution?

- A. A built-in striving for perfection
- B. The frequent occurrence of spontaneous generation of new organisms
- C. A new environment affects animals over time as they use and dis-use different body parts
- D. Inheritance of acquired characteristics
- F. Genetic mutations

10. According to Lamarck:

- A. There are no extinctions: all fossils have living descendants
- B. Over geological time, life forms have progressed from simple to more complex
- C. Every species has an inherent drive to become more complex
- D. Changes in your body in your lifetime can be passed on to your children
- E. All of these were part of Lamarck's theory

PRINT YOUR FIRST NAME _____ LAST NAME _____

Bonus question: We usually say Lamarck was famous for being wrong; but what ideas of his are generally accepted as correct today?