

**QUIZ # 12 Dr Bob Mucci Circle the one best answer**

**1. Which is FALSE?**

- A. Modern Chinese people have a high percentage of shovel shaped incisors
- B. Star Carr is a Mesolithic site in England
- C. After the Ice Age, people ate more grains and small animals
- D. Mesolithic corresponds culturally to the Archaic and Epipaleolithic
- E. The “microlith” sickle (or “reaping knife”) is a Mousterian tool.

**2. Which is TRUE about the Garden of Eden (or “Eve”) hypothesis?**

- A. It suggests that all living humans are descended from a single woman who lived 100,000 or 200,000 years ago, and that we are not in any way descended from any other women alive then.
- B. It suggests that Africa is the human genetic homeland because African people have less genetic diversity than any other group of humans.
- C. It assumes all of your mitochondrial DNA was inherited equally from your mother and your father
- D. Mitochondria are like little parasites living in your cells, reproducing themselves using their own DNA
- E. All of these are true.

**3. Which is true about Australia?**

- A. Humans definitely lived there 500,000 years ago
- B. the first humans to get there had to cross open water, not walk on a land bridge
- C. First they lived in the interior of the continent, and only recently along the coast
- D. The famous Venus figures are all found there
- E. They lived in houses made of the mammoth bones and skins

**4. Which is FALSE?**

- A. The Y chromosome and its genes are inherited only through males.
- B. Chris Stringer says that the Eve hypothesis supports his complete replacement model.
- C. Milford Walpoff says the hybrid children from Portugal support his Multiregional model
- D. fossil and stone tool evidence supports the idea that modern humans first appeared in Africa
- E. All neandertal skulls look very much alike

**5. Which is FALSE about Paleo-Indians?**

- A. They include the people known as Clovis and Folsom
- B. They were big game hunters
- C. They came from Siberia via Alaska and the ice-free corridor
- D. They made fluted points and had atlatls and dogs, and were generally Upper Paleolithic people
- E. They contributed to the extinction of the Ice-Age megafauna
- F. All evidence suggests they were the first people in the Americas and the ancestors of all Indians

**6. Which is FALSE about the Hobbit people?**

- A. The fossils were found on the island of Flores in Indonesia and called *Homo floresiensis*
- B. The archaeological evidence suggests they were total vegetarians
- C. They seem to have been only 3 feet tall and with a brain smaller than most *Australopithecus*
- D. They lived there up to about 15 or 20,000 years ago, but *Homo erectus* lived there earlier
- E. Some suggest they are dwarfed descendants of either *Homo erectus* or *Homo sapiens*
- F. Some have suggested the individual was a microcephalic

**FOUR POINT MATCHING (each answer is used once)**

**We discussed four models of the origins of modern humans:**

- A. Carlton Coon’s candelabra (in class, not mentioned in textbook)**
- B. Milford Walpoff’s multiregional (or regional continuity or gene flow) (in the textbook)**
- C. Chris Stringer’s complete replacement (or recent African Evolution) (in the textbook)**
- D. the compromise model (or partial replacement) of Smith or Brauer (in the textbook)**

**Using the letters A, B, C, or D from above, which model does each statement refer to?**

- 7. \_\_\_ **in this old model** with racist overtones, humans spread out from Africa into several geographical regions, and became isolated from each other; each evolved on its own and at its own pace, and independently, but not simultaneously, become *Homo sapiens*
- 8. \_\_\_ **human evolution** was a sequence of adaptive radiations, in which a new species evolved in only one region, and then spread out to the rest of the world, replacing other humans without interbreeding with them; it is in fact a model of cladogenesis and punctuated equilibrium
- 9. \_\_\_ **in this, the most recent** and now popular model, one group of humans put together the right combination of genes and culture, and spread out from their place of origin; they interbred (hybridized) with all the people they encountered, but theirs became the predominant physical type and culture.
- 10. \_\_\_ **human evolution was** a case of anagenesis, that is, all earlier humans gradually evolved together into modern *Homo sapiens*, aided by migrations and interbreedings

**FIRST NAME \_\_\_\_\_ LAST NAME \_\_\_\_\_** Quiz BONUS: Describe how the lifeways of people became different after the melting of the glaciers (the Holocene); think food and tools.