

1. Some people think that the Neandertals, and the early modern humans who lived at the same time, actually were two different species; which statement is consistent with that idea?

- A. They lived side by side in Western Europe as the Chatelperronian and Aurignacian cultures for millennia
- B. there is lots of variation within each species yet they grade together in the Middle East
- C. it is hard to sort the fossils into one species or the other, with many that are intermediate
- D. modern Europeans have some Neandertal genes
- E. they seem to have interbred and produced offspring like the mixed child from Portugal

2. Who were the first people to sport a prominent bony CHIN?

- A. *Paranthropus*
- B. *Homo habilis*
- C. *Homo erectus*
- D. *Homo sapiens sapiens*

2a. What is a chin for? What is its function?

3. Which tradition is famous for its exquisite, bifacially flaked, symmetrical, Laurel-leaf shaped projectile points and oversized "ceremonial" blades?

- A. Magdalenian
- B. Chatelperronian
- C. Aurignacian
- D. Mousterian
- E. Acheulian
- F. Solutrean

3a. Cro-Magnon and some other *Homo sapiens* made stone tools out of preformed blanks that were characteristically rather long, thin, and triangular in cross section, the result of being made by a method that often used a punch. These tools are called:

- A. Acheulian
- B. Mousterian
- C. Oldowan
- D. Upper Paleolithic
- E. Venus

4. Upper Paleolithic refers to people who lived in Europe during what time period?

- A. 12,000 years ago to 35,000 years ago.
- B. 35,000 y.a. to 100,000 y.a.
- C. 100,000 y.a. to 250,000 y.a.
- D. 250,000 y.a. to 500,000 y.a.
- E. 500,000 y.a. to 1,000,000 y.a.
- F. 1,000,000 y.a. to 2,000,000 y.a.

4a. The most recent culture of the Upper Paleolithic of Europe, containing much art and clever tools, is called:

- A. Magdalenian
- B. Chatelperronian
- C. Aurignacian
- D. Solutrean
- E. Acheulian

5. Which is TRUE?

- A. Cro-Magnon, *Homo sapiens sapiens*, Upper Paleolithic, Anatomically Modern all refer to same people
- B. Upper paleolithic people had atlatls, fitted skin clothing, art
- C. Upper Paleolithic people ate a wider variety of food than Neandertals did
- D. Cro-Magnon people were tall, and probably dark skinned
- E. All of these are true

6. The arrival of Cro-Magnon culture in Europe is marked by the appearance of:

- A. Hand-axes.
- B. Levallois tools.
- C. Long blades, many burins, and bone and ivory tools
- D. fire.
- E. Pebble choppers.

7. Which is FALSE about Venus figures?

- A. Their faces, hands, and feet are always strikingly beautiful.
- B. Their buttocks, breasts, and genitalia are often exaggerated.
- C. Some anthropologists think they are fertility charms.
- D. They were made by Upper Paleolithic people.
- E. They are found in living sites over a wide area in Europe.

8. At Grotte Chauvet and Lascaux are found:

- A. Cave paintings of large animals.
- B. elephant kills.
- C. Houses made of mastodon tusks.
- D. Neandertal burials
- E. Fossil footprints.

TWO POINT MATCHING (each answer is used once)

We discussed four models of the origins of modern humans:

- A. Carlton Coon's candelabra (*in class, barely mentioned in readings*)
- B. Milford Walpoff's multiregional (or gene flow) (*drawn in the textbook*)
- C. Chris Stringer's Recent Out of Africa (*drawn in the textbook*)
- D. the compromise model (or gene replacement) (*in class, and two different versions in 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 to independently, but not simultaneously, become modern *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 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

PRINT LAST NAME _____ FIRST _____

BONUS What are Shovel shaped incisors?

