

A105 quiz 12 1. Which is NOT a way that one might try to date the origin of human language?

- A. Looking at cranial endocasts to determine the presence of the language areas
- B. Looking at letter-like scratches on cave walls
- C. Looking at the base of the skull to see if the larynx is in the lower position of modern humans
- D. Looking at ancient complex social behavior to see if it might require language for it to occur
- E. Looking at bones for the size of the nerves that controls the movements of the tongue, diaphragm, etc

2. It was often difficult to date Archaic *Homo sapiens* sites because:

- A. The earth had no volcanoes then
- B. There has only been erosion since then, no deposition of new sediments
- C. The Ice Age used up all the carbon
- D. They are too recent for potassium argon dating to work, and too old for carbon 14
- E. They ate all their dead

2a. Which is FALSE about Archaic *Homo sapiens*?

- A. they lived from about 50,000 years ago to about 20,000 years ago.
- B. they're sometimes referred to as *Homo heidelbergensis* after the name first used for a *Homo erectus* jaw found in Germany
- C. They have a brain size that averages about 1200 cc
- D. They hunted, made huts, and used fire
- E. They made tools by the Levallois method

3. Which is FALSE about the anatomy of *Homo erectus*?

- A. They were almost exactly like us below the neck
- B. They had larger teeth and jaw muscles than us
- C. They had large brow ridges
- D. They have a sagittal crest
- E. They were more prognathic than ourselves

3a. Which is FALSE about the Ice Ages?

- A. They span the geological epoch called the Pleistocene
- B. They are the most recent two million years
- C. Periods of heavy glaciation alternated with warmer periods – such as the one we live in
- D. During heavy glaciations, the sea levels were higher than they are now
- E. Glaciers don't just sit there, they MOVE.

4. The tools of *Homo erectus* are called:

Acheulian Oldowan Mousterian Upper Paleolithic Magdelanian

4a. This site was a supposed baboon kill site in Africa:

Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

5. This site was a supposed living site with huts and paleofeces in Europe:

Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

5a. This site was a supposed mammoth kill site in Europe:

Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

6. This site was a cave in Asia where partial remains of 40 scavenging hominids were found:

Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

6a. This site in Europe was recently discovered; it contains very old erectus:

Dmanisi, Georgia Sussex, England Rome, Italy Nice, France

7/8 The first ever discovery of a hominid fossil of the *Homo erectus* phase of human evolution was

made by Raymond Dart Eugene Dubois Louis Leakey Don Johanson

who named it: *Australopithecus erectus* *Paranthropus erectus* *Homo habilis*

Pithecanthropus erectus *Ardipithecus ramidus* *Ramapithecus*

He found it in: China Africa Java India Europe

in the years: 1890's 1910's 1930's 1950's 1970's

9. Which is FALSE about the fossil known as KNM WT-15000 from Lake Turkana

- A. It is a young boy, about 11 to 16 years old
- B. It is a very complete skeleton, yet over one and a half million years old
- C. It was found by Leakey & Walker in the 1980's
- D. He would have grown to be about six feet tall (roughly)
- E. He was buried in a fine robe with jewelry

10. Which fossil collection was lost during World War II?

Peking Man Java Man *Homo habilis* Turkana Man Terra Amata

PRINT YOUR FIRST NAME _____ Last Name _____

BONUS QUESTION: What is the *Homo erectus* "bamboo hypothesis" all about?