

A105 quiz 12 SPRING 2007 Circle the one best answer:

1&2. 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 Franz Weidenreich

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

Pithecanthropus erectus *Ardipithecus ramidus* *Ramapithecus*

He found it in: China South Africa Java India Europe

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

3. The tools typically associated with *Homo erectus* are called:

Oldowan Upper Paleolithic Acheulian Levallois Mousterian

3a. The tools typically associated with *Homo habilis* are called:

Oldowan Upper Paleolithic Acheulian Levallois Mousterian

4. This site was a cave site in China where partial remains of 40 hominid individuals were found:

Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

4a. This site was a 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. Which fossil collection was lost during World War II?

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

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

- A. They were almost exactly like us below the neck
- B. They had larger jaw muscles than us
- C. They did not have the large brow ridges found in australopithecines
- D. They often have a sagittal keel (or "ridge") but never a sagittal crest
- E. They were more prognathic than ourselves

7. 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 the cold phases of heavy glaciations, the sea levels were higher than they are now
- E. Glaciers don't just sit there, they MOVE.

8. Which is FALSE about the fossil known as KNM WT-15000 from Nariokotome (Lake Turkana)

- A. It is a young boy, about 11 to 14 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 almost six feet tall (roughly)
- E. He was buried in a fine robe with jewelry

9. Which is FALSE about the *Homo erectus* stage of human evolution?

- A. Some researchers use "Homo ergaster" for some African erectus individuals (including WT-15000)
- B. Dmanisi is a site in Georgia with fossils that some claim to be the first erectus individuals to leave Africa
- C. Many researchers think that the erectus at Zhoukoudian were scavengers not hunters who used fire
- D. Hand axes ("bifaces") are a common tool of the Acheulian, but are rare in China
- E. The brain size of *Homo erectus* ranges from 1250 cc to 1600 cc.

10. Which is FALSE about humans after *Homo erectus*?

- A. We now use the name *Homo heidelbergensis* for the stage of evolution that follows *Homo erectus*
- B. "Premodern Humans of the middle Pleistocene" is another term for the stage after erectus
- C. Levallois tools appear in this new phase, in which a final blow removes a finished flake tool from the core
- D. This phase is marked by hunting, fire, and composite (hafted) tools
- E. Your larynx is higher in your throat than the larynx of *Homo erectus*; this allows you to talk.

PRINT YOUR FIRST NAME _____ Last Name _____

BONUS QUESTION: Name four possible advantages to using FIRE: