

A105 quiz 10 Spring 2005 Circle the one best answer:

1. The first ever discovery of a hominid fossil of the *Homo erectus* phase of human evolution was made in the 1890's by

- A. Raymond Dart B. Eugene Dubois C. Louis Leakey
D. Don Johanson E. Davidson Black

1a. who named it after a term in common use for a hypothetical "ape-man":

- A. *Australopithecus erectus* B. *Paranthropus erectus* C. *Homo habilis*
D. *Pithecanthropus erectus* E. *Ardipithecus ramidus* F. *Ramapithecus*

2. He found it in: A. East Africa B. South Africa C. Java D. Europe E. India

2a. and that original find consisted of these parts only: A. skullcap and femur
B. A complete skeleton C. A brain endocast D. Three left arms

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

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

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

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

4. This was a cave site in Asia where partial remains of 40 hominids 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 living site with huts and paleofeces in Europe:

- Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

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

- Zhoukoudian Lake Turkana Terra Amata Torralba/Ambrona Olorgesailie

6. 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 we do
C. They had large brow ridges, almost like those found in *Paranthropus*
D. They often have a sagittal keel but never a crest
E. They had a very round, spherical skull with thin skull bones, thinner than your own.

7. Which is FALSE about the Ice Ages?

- A. They span the geological epoch called the Pliocene
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 lower than they are now
E. Glaciers don't just sit there, they MOVE, flowing from the pressure of ice at higher elevations.

8. 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 in the 1980's
D. He would have grown to be almost six feet tall (roughly)
E. It was called "the Black Skull"

9. 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 the size of the holes for the nerves that control the muscles of the tongue and diaphragm

10. Which is FALSE about the study of fossil pollen?

- A. We can look at a stone tool and tell where the rock came from by matching the pollen.
B. It can tell us the ancient climate
C. Pollen grains are visibly different for different species of plants
D. It can tell us the season of the year that people were there
E. It is called palynology

PRINT YOUR FIRST NAME _____ Last Name _____

BONUS QUESTION: Which is FALSE:

- A. The fossils of Peking Man were lost at the beginning of World War II
B. New analyses suggest that Peking Man was not a hunter but a scavenger
C. *Homo heidelbergensis* is the name used by many for "Premodern" or "Archaic *Homo sapiens*"
D. Premodern humans made flake tools by the Levallois method that shapes the tool before it is struck off of the core, so it is then flat on one side.
E. Being a biped (compared to a quadruped) makes childbirth easier as the birth canal is larger and pointing in the right direction.