



Human Evolution Questions

1. Among the following alternatives, which one is your own species?
A. *Homo habilis* B. *Australopithecus afarensis* C. *Homo sapiens* D. *Homo erectus*
2. Which of the following fossil is the nearest to the common ancestor of the hominids and apes?
A. *Homo habilis* B. *Homo erectus* C. *Ardipithecus ramidus* D. *Australopithecus afarensis*
3. Which of the following is true about the evolutionary origin of groups of organisms?
A. The Dinosaurs appeared before the origin of the land animals.
B. The earliest *Homo sapiens* appeared before the flowering plants.
C. The first photosynthetic organisms appeared before the oldest eukaryotes.
D. The first animals appeared before the formation of free O₂ in the atmosphere.
4. What does the structural similarity between the flippers of whales and arms of human show?
A. Whales evolved from the human species. C. The human species began life in the ocean.
B. Whales are older than the human species. D. Whales and humans had a common ancestry.
5. In which *hominid* species did scientists find the smallest brain size? (Cranial capacity)
A. *Homo sapiens* C. *Homo habilis*
B. *Homo erectus* D. *Homo neanderthalensis*
6. Among the following fossil hominid species, which one is the oldest of all?
A. *Homo erectus* C. *Ardipithecus ramidus*
B. *Australopithecus afarensis* D. *Australopithecus africanus*
7. Which of the following changes that happened during human evolution had the most contribution to the evolutionary success of *Homo sapiens*?
A. Proportionately big brain size to body mass.
B. Big body parts and big over all body mass.
C. Long legs, arms and more upright body posture.
D. First running ability and overall physical strength.
8. Which of the following do biologists consider ancestral to the higher organisms of today?
A. Plantae B. Animalia C. Fungi D. Protista
9. Which of the following groups are believed to be the first photosynthetic organisms to evolve on Earth?
A. Green plants B. Green algae C. Blue green algae D. Lichens
10. To which genus of primates are the Neanderthal humans classified?
A. The genus *Homo* C. The genus *Australopithecus*
B. The genus *Ardipithecus* D. The genus *Zinjanthropus*
11. Which genus of primates are the Neanderthal human classified?
A. The genus *Homo* C. The genus *Australopithecus*
B. The genus *Ardipithecus* D. The genus *Zinjanthropus*
12. Based on differences in DNA, which of the following animals is closer to human beings?
A. Frog B. Domestic pig C. Zebra fish D. Domestic chicken
13. In which geologic period is the evolution of human most probably believed to have happened?
A. Quaternary period B. Jurassic period C. Tertiary period D. Cretaceous period
14. Among the following, which one had the cranial capacity of about the same size as that of *Homo sapiens*?



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- A. The Neanderthal man
B. *Homo habilis*
C. Lucy
D. *Homo erectus*
15. It is true to say that:
A. modern humans evolved from chimpanzees
B. modern humans evolved from *Homo erectus*
C. modern humans and chimpanzees evolved from a common ancestor
D. modern humans evolved from *Australopithecus robustus*
16. Lucy belonged to the genus:
A. *Homo* B. *Ardepithecus* C. *Australopithecus* D. *Pan*
17. The fact that Ardi was bipedal disproves the idea that:
A. there was a common ancestor of modern humans and chimpanzees
B. the common ancestor of modern humans and chimpanzees was like a chimpanzee
C. the common ancestor of modern humans and chimpanzees was intelligent
D. there was no common ancestor of modern humans and chimpanzees
18. A larger brain gave modern humans an increased ability to:
A. run faster with a more upright posture
B. plan in advance to avoid attack
C. develop and use weapons and tools
D. all of the above
19. A recent genetic analysis of human populations suggests that there are:
A. five distinct human races
B. three human races with some subdivisions
C. five human races with some subdivisions
D. three distinct human races
20. As humans migrated from Africa to colder climates, adaptations that would confer a survival advantage include:
A. a longer, thinner body shape
B. less adipose tissue
C. a less hairy body
D. a shorter, squatter body shape
21. During hominid evolution, brain size has:
A. increased overall but decreased as a proportion of body mass
B. decreased overall and decreased as a proportion of body mass
C. decreased overall but increased as a proportion of body mass
D. increased overall and increased as a proportion of body mass
22. The human races are now less likely to evolve into separate species because:
A. humans are able to travel freely across the globe
B. interbreeding between different races occurs quite frequently
C. we are able to modify our environments
D. all of the above
23. It is true to say that modern humans are:
A. hominins B. hominids C. primates D. D all of the above
24. The common ancestor of modern humans and chimpanzees lived about:
A. 2 million years ago
B. 6 million years ago
C. 4 million years ago
D. 8 million years ago