



Evolution & Evidence of Evolution

1. What is evolution?

- A) History of changes that have taken place in an animal from birth to death.
- B) History of changes that have taken place in a species of living thing, over a period of thousands of years.
- C) History of changes that have taken place in a species of plants over a period of fifty years.
- D) History of changes that have taken place in an animal species over a period of fifty years.

Ans: _____

2. Which of the following is a result of natural selection?

- A) Beef cattle
- B) Disease-resistant crop plants
- C) Insecticide-resistant mosquitoes
- D) Seedless oranges

Ans: _____

3. The study of heredity and variations is called

- A) ecology.
- B) histology.
- C) genetics.
- D) paleozoology.

Ans: _____

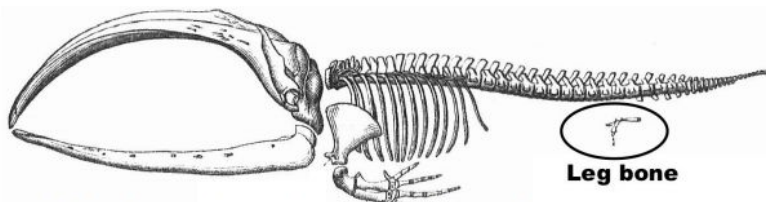
4. A sudden irreversible change that takes place in the genotype of an organism is called.

- A) Evolution
- B) Mutation
- C) Melanism
- D) Natural selection

5. Which of the following are examples of homologous origin?

- A) Wings of pigeon and mosquito
- B) Wings of pigeon and housefly
- C) Wings of pigeon and arms of man
- D) Wings of bat, housefly and butterfly

6.



**What best describes the hind leg bones seen in the whale?
Choose 1 answer:**

- a. Homologous structures to the wings of butterflies
- b. Vestigial structures that had a function in an ancestor
- c. Analogous structures to the fins of living fish

