

Unit 6: Evolution
Worksheet # 1

Name: _____

Multiple Choice

Identify the letter of the choice that best completes the statement or answers the question.

- _____ 1. During his voyage on the *Beagle*, Charles Darwin made many observations
- in England.
 - in North America.
 - on the Galapagos Islands.
 - in Asia.
- _____ 2. On the Galapagos Islands, Charles Darwin observed
- completely isolated species on each of the islands.
 - species exactly like those found in South America.
 - somewhat similar species, with traits that suited their particular environments.
 - species completely unrelated to those found in South America.
- _____ 3. The species of finches that Charles Darwin found on the Galapagos Islands displayed different unusual adaptations. One of the adaptations that Darwin noted was the
- similarity of the birds' behaviors.
 - birds' different shaped beaks.
 - length of the birds' necks.
 - number of eggs in each bird's nest.
- _____ 4. Based on the adaptations Charles Darwin observed in finches and tortoises in the Galapagos, he concluded
- if species living on different islands had once been members of the same species.
 - if finches and tortoises had originated from the same ancestral species.
 - if all birds on the different islands were finches.
 - why all tortoises on the different islands were identical.
- _____ 5. Darwin began to formulate his concept of evolution by natural selection after
- experimentation with animals.
 - observations of many species and their geographical locations.
 - reading the writings of Wallace.
 - arguing with Lamarck about the driving force behind evolution.
- _____ 6. James Hutton's and Charles Lyell's work suggests that
- Earth is many millions of years old.
 - Earth is several thousand years old.
 - all fossils were formed in the last 1000 years.
 - all rocks on Earth contain fossils.
- _____ 7. In the 1800s, Charles Lyell emphasized that
- the human population will outgrow the available food supply.
 - all populations evolve through natural selection.
 - Earth is a few thousand years old.
 - past geological events must be explained in terms of processes observable today.
- _____ 8. One scientist who attempted to explain how rock layers form and change over time was
- Thomas Malthus.
 - James Hutton.
 - Charles Darwin.
 - Jean-Baptiste Lamarck.