1) Darwin had always planned to be a natural scientist, and this is why he was recruited for the role of naturalist aboard the *HMS Beagle*. (1) TRUE/FALSE

2) What distinction does the article draw between the terms “evolution” and “natural selection”? Which of the two was Darwin’s and Wallace’s new and important idea? (2)

4) According to this article, do scientists generally prefer to talk about “evolution by natural selection” or “Darwinism”? (1)

5) Of the following pieces of data, circle the TWO that were known by Darwin and crucial for development of his ideas (3 points):

A) Genes as the units of heredity

B) An ancient Earth

C) Extinction

E) Unchecked population growth under ideal conditions

6) Of the following, circle the ONE that does NOT describe natural selection (1 point):

A) “Survival of the fittest”

B) An undirected, morally neutral process

C) Better adapted organisms have a greater chance of passing on their genes

D) The accumulation of many large changes in a short period of time

7) The distribution and diversity of finches on the Galapagos Islands was key to Darwin’s development of his theory. Explain the sequence of events that Darwin theorized led to that diversity (3 points):