Darwin Review

1) Name the 4 scientists that influenced Darwin as he was developing his theory of evolution.

2) Which scientist discovered that the earth was much older than once thought?

3) Who said that organisms strived for perfection and could pass acquired traits onto their offspring?

4) What was Malthus studying and how did his ideas impact Darwin?

5) What was the name of Darwin’s ship?

6) Which island chain was Darwin most interested in?

7) Name some of the animals on these islands?

8) Describe the different types of tortoises on the islands. Which one lived where there was plentiful vegetation?

9) The different species of finches looked exactly the same except for the shape of what body structure?

10) How does the shape of this structure relate to the food that was present on each island?

11) What is artificial selection?

12) Describe how natural selection works.

13) Define the terms adaptation, fitness, and genetic diversity.

14) What are the different types of adaptations in your notes?

15) What is a population?

16) The end result of natural selection is a change in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17) Which type of natural selection selects for the average trait?

18) The type of natural selection that selects against the average is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.