Name_____Period_____Assignment #_____

An excerpt from *Why Darwin Matters* Questions

1) What is Ernst Mayr's technical definition of evolution?

2) Explain how evolution has a dual nature

3) Define species

4) Define Natural Selection

   A.

   B.

   C.

   D.

   E.

5) Explain how Darwin's observations led to his inferences and ultimately to his theory of evolution by natural selection.

6) Describe the random and nonrandom components of natural selection.

7) Explain the following quote from the reading, “Natural selection, and thus evolution, is unconscious and non-prescient…”

8) Explain why it is wrong to say that polar bears are a transitional species.