

Biology Answer Key and Parent Companion Corrections April 2015

p. 17, Chapter 6, the answer to question #6 should read:

The answer should contain the following concepts: 1) that endergonic reactions require energy input to start the reaction; and 2) that there is also energy contained in the bonds that are formed during the reaction. So, a long-winded answer would be something like, "An endergonic reaction is one that requires energy to be added in order for the reaction to occur and the First Law of Thermodynamics states that energy can neither be created nor destroyed. So, in an endergonic reaction, some of the energy input into the reaction is absorbed by the molecules involved in the reaction in order to get the reaction started and the rest is stored in the bonds of the product of the reaction in the form of potential energy."

p. 76, Test #7, the answer to question #24 should read:

False. There are so called beneficial mutations that do help organisms be more fit to live in their environments; however, no mutation has ever been identified to have led to the formation of an entirely new kind of organism.

p. 168 - the 4th preview point should read: Learn that the objective scientific data **are** perfectly compatible with the creation origins model and frequently contradict the evolution model.