**What Darwin Never Knew Video Questions: Day 1**

1. What is the magic and mystery of evolution?
2. Why did Darwin not become a doctor?
3. What was the mission of the HSM Beagle?
4. What animals did Darwin make detailed observations in the Galapagos Islands? Which of those animals that Darwin observed contributed the greatest to Darwin’s theory of evolution? How?
5. What did Darwin’s observations of embryos reveal about snakes, whales and humans? What did Darwin conclude from these observations?
6. What carries out selection in nature?
7. What different methods do animals use to survive in nature?
8. How do the changes in a species come about?
9. What are factors that lead to evolution by natural selection?
10. What are four causes for the variations in species?
11. What is so amazing about DNA?
12. What are some genetic mutations that led to certain animals surviving better?
13. How many genes make up the human genome? Is there any organism that has more genes than a human?
14. Why does one type of fruit fly have spots and another does not?