

Name: _____ Date: _____

NOVA: *What Darwin Never Knew* Video Questions (Finish over Break)

1. What is meant by the “diversity of life” and how does that relate to evolution?
2. Describe Darwin as a young man. What experiences shaped him into a scientist?
3. Describe Darwin’s experiences on the voyage of the HMS Beagle.
4. What animal characteristics were unique on the Galapagos, and why?
5. What was the popular view of the creation of species in this time period?
6. How did Darwin’s find in the ground in South America begin to shape his theory?
7. What connections did Darwin make about similar embryos?
8. What did Darwin mean by “descent with modification”, and how did this idea conflict with the popular ideas of the time?
9. Describe the environmental change that created an allele frequency shift on the dark rocks.
10. Describe the technology that was not available to Darwin and how it can be used to study organisms.
11. Describe the genetics that can cause major changes in organisms.
12. Describe the human traits that are unique, how the mechanisms were discovered, and how each develop.