

**BIO-QUEST 1**

1. (3 points) Darwin collected many organisms from these volcanic islands off the coast of South America. **Galapagos**
2. (3 points) What is the title and publication date of Darwin's most significant publication? **The Origin of Species by Means of Natural Selection , 1859**
3. (3 points) Darwin acquired his degree in which field? **botany**
4. (4 points) Who was Darwin's greatest oponent and a believer in gradualism? **Charles Lyell (1797-1875)**
5. (4 points) Who proposed the theory of gradualism and at what time frame? **Hutton 1795**
6. (4 points) Who developed a nerly identical theory of natural selection around the same time as Darwin? **Alfred Russel Wallace**
7. (5 points) Who created the binomial classification system for organisms that is still in use today? **Carl Linnaeus – sweden - 1735**
8. (3 points) What was the name of the theory proposed by Georges Cuvier in which periodic natural disasters wiped out large groups of organisms? **catastrophicsm**
9. (6 points) Give Darwin's age at each of the following points in his life: a) going to college b) setting sail on the Beagle c) publishing his book **16, 22, 68**
10. (6 points) Who believed in the view of nature that assumed organisms were fixed and not evolving and could be laced on a ladder of increasing complexity? (hint: think Ancient Greece) **Aristotle**