Extra Credit For Biology 4: _____ Points

Evolution

Requirements
A. You need your name at the top right hand corner.
B. This assignment must be typed.

I. Part I: Microevolution

Microevolution is a change in the gene frequencies in the population over time. I gave examples in class how these changes occur. These include mutation, gene flow, genetic drift, and natural selection.

A. Give other examples using your text or the web of mutations, gene flow, genetic drift (founder events and bottleneck events), and natural selection.

II. Go to this website: http://evolution.berkeley.edu/evosite/evo101/IIntro.shtml

A. What is evolution and what is the central idea of biological evolution?
B. Click on “Next Topic”: According to the tree what is the group that is most closely related to dinosaurs and birds?
C. Click on “Next Topic” What are the three Domains of life?

III. Go to this website: http://evolution.berkeley.edu/evosite/evo101/IIIMechanisms.shtml

A. What is “Decent With Modification”?
B. Click on “Next Topic” What are the four mechanisms of change?
C. Click on “Next Topic” What are sources of genetic variation?

IV. Go to the top of the page and explore this website further. Describe two other areas of this website that you found interesting.