Study Guide for Unit I Biology Test – Wed. 2/5 (B day) & Thurs. 2/6 (A day) – 25 multiple choice questions

Know how to read an evolutionary tree and a cladogram.

Understand the order in which scientists believe that organisms evolved.

Know the correct hierarchy of classification (D, K, P, C, O, F, G, S)

\*\*Sexual reproduction increases genetic variation.

Know and understand the following: binomial nomenclature, taxonomy, cladistics, Endosymbiosis (Endosymbiotic Theory), Miller – Urey Experiment, cyanobacteria, Lipid Membrane Hypothesis, RNA as the first genetic material, The Linnaean Classification System, Meteorite Hypothesis, characteristics of fungi, eukaryotes, archaea, plantae & protists

Know characteristics of primates

\*\*Humans did NOT evolve from chimpanzees