BIOB51 – Midterm Practice Questions

1. Darwin's theory of evolution provided explanations for all of the following EXCEPT

A. The diversity of life on the planet
B. Why the vast majority of species are extinct
C. Why Earth is not the centre of the universe
D. The similarities and differences among species

2. A founder event changes allele frequencies because

A. only a subset of alleles in the original population are represented in the newly founded population.
B. selection in the newly founded population differs from selection in the original population.
C. coalescent processes generate alleles that share a common history.
D. mutation is higher in the newly founded population than in the original population.

3. What is evolutionary biology?

A. A description of the fossil record