

Unit 9 Evolution

1. What was Charles Darwin's explanation of the mechanism for evolution?
 - a. Use or disuse of organs
 - b. Survival of the fittest
 - c. Nature kills
2. Which of the following is NOT evidence of evolution?
 - a. Embryology
 - b. Homologous body structures
 - c. Living fossils
3. Which scientist proposed that there are factors which control populations like war and disease?
 - a. James Hutton
 - b. Charles Lyell
 - c. Thomas Malthus
4. The combined genetic information of all members of a particular population forms a:
 - a. Gene pool
 - b. phenotype
 - c. population
5. The success of an organism in surviving and reproducing is a measure of:
 - a. fitness
 - b. Polygenic traits
 - c. speciation
6. A random change in a small population's allele frequency is known as:
 - a. A gene pool
 - b. Genetic drift
 - c. variation