

Name: _____ Date: _____ Period: _____

Geology and Evolution quiz

1. Fossil known to have lived in a particular geologic age that can be used to determine the date of the rock layer in which it was found. A. Offspring
2. Remains or traces of animals, plants and other organisms from the past only form in sedimentary rocks. B. Adaptation
3. Record of geologic and biologic events in Earth's past, divided into Eras and Periods. *Mass extinction occurs at the end of the era C. Index Fossils
4. A core sample of ice removed from a sheet of ice. Properties of the ice and the crystallized components in the ice are used to reconstruct climatic record. D. Fossils
5. Rock created from the transformation of other types of rock through heat and pressure. E. Geologic Time Scale
6. The study of the rocks, processes, and history of Earth. F. Extinction
7. An inherited mutation in an organism's DNA that provided an advantage for survival for a species. G. Metamorphic rock
8. The complete elimination (dying out) of a species due to the species inability to survive and therefore adapt to its environment. H. Geology
9. A child or animal in a relation to its parent or parents. I. Natural Selection
10. Explanation of how organisms in a population develop traits that allow them to survive and reproduce. J. Ice Cores