



Fossils and Geologic Time Scale

Answer Key

1) Answer: C

Explanation: An organism trapped in a viscous tree sap which then hardens into amber allows the organism to be preserved.

2) Answer: A

Explanation: Permineralization occurs when the pores and open spaces in tissue (such as bone and wood) are filled up with minerals precipitated from mineral-rich solutions such as groundwater. The situation described in option A is an example of permineralization.

3) Answer: C

Explanation: Proterozoic Eon refers to the geologic time when multicellular life emerged.

4) Answer: A

Explanation: Two conditions must be observed so that a fossil is produced. First, the organism must have hard parts (bones, teeth, etc.). Second, rapid burial of the remains.

5) Answer: A

Explanation: Triassic Period is the period when the dinosaurs emerged and known as the start of the “Age of the Reptiles”.



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