

1) Answer: C

Explanation: The law of superposition states that if the sequence is undisturbed, the layers on the bottom are the oldest while the layers above them are younger.

2) Answer: B

Explanation: William Smith, known as the Father of English Geology, introduced the Principle of Faunal Succession.

3) Answer: A

Explanation: Nonconformity occurs when sedimentary strata are deposited on top of igneous or metamorphic rock bodies.

4) Answer: B

Explanation: Isotopes are atoms of an element that have different numbers of neutrons.

5) Answer: B

Explanation: Radioisotopic dating or radiometric dating is used for absolute dating or to determine the absolute age of a layer.