

Instruction: Select the letter of the correct answer for each question below.

1) Which of the following laws of stratigraphy states that given that the sequence is undisturbed, younger rock layers sit atop older layers?

- a) Law of original horizontality
- b) Law of cross-cutting relationships
- c) Law of superposition
- d) Law of lateral continuity

2) He is known for introducing the Principle of Faunal Succession.

- a) Nicolaus Steno
- b) William Smith
- c) Gregor Mendel
- d) Charles Francis Richter

3) Due to different processes, there is a gap in the rock sequence which is known as unconformity. What do you call the type of unconformity that occurs when sedimentary strata are deposited on top of igneous or metamorphic rock bodies?

- a) Nonconformity
- b) Disconformity
- c) Angular unconformity
- d) Strata unconformity

4) Which of the following refers to the atoms of an element that have different atomic masses due to differences in the number of neutrons?

- a) ions
- b) isotopes



Basics of Stratigraphy

Practice Questions

- c) molecules
- d) quarks

5) What does radioisotopic dating or radiometric dating measure?

- a) relative age of a layer
- b) absolute age of a layer
- c) distance covered by a layer
- d) extent of unconformity



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