NORTHWEST TERRITORIES GEOLOGY 12 (MGEOL12) · UNIT D · 5 QUESTIONS

Geologic Time, Fossils and Planetary Geology — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **An unconformity in a rock sequence represents a**

- A gap in the rock record
- B new mineral deposit
- C volcanic eruption
- D fossil shell

Understand It with Pulse | Flag a mistake

2

If a fault cuts across rock layers, the fault is younger than the layers it cuts because of the principle of

A faunal succession

B cross cutting relationships

C superposition

D original horizontality

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3 **An ammonite fossil is embedded in flat grey rock. The principle of faunal succession states that fossil groups appear in rock layers in a**



A single layer only

B reversed order

C definite order through time

D random order

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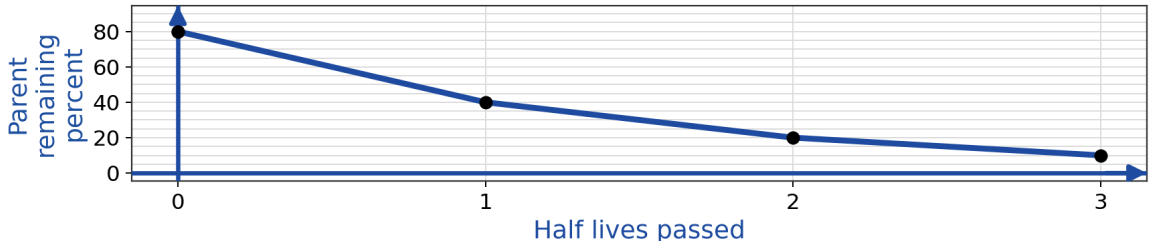
4 **The graph shows parent isotope remaining for a second sample. The percentage remaining after 2 half lives, in percent, is**



A 40

B 80

C 100

D 20

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5 **A sample starts with 200 grams of parent isotope. After one half life, the mass remaining, in grams, is _____**

ANSWER _____

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ANSWER KEY

1. A
2. B
3. C
4. D
5. 100

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