Geologic Time, Fossils and Planetary Geology — Practice Test

Northwest Territories Geology 12 (MGEOL12) • 10 questions

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 **Amber can preserve small organisms in detail because tree resin hardens around the organism and**

- A protects it from decay
- B melts it
- C dissolves its shell
- D crushes it flat

Understand It with Pulse | Flag a mistake

2 **Petrified wood forms when minerals replace the original wood material**

A by freezing

B cell by cell over time

C in a single day

D by melting

Understand It with Pulse | Flag a mistake

3 **The Precambrian covers most of Earth history and includes the time before abundant**

A flowering plants

B humans

C hard shelled fossils

D dinosaurs

Understand It with Pulse | Flag a mistake

4 **During the Mesozoic, the dominant large land animals were the**

- A trilobites
- B first fish
- C early mammals only
- D dinosaurs

Understand It with Pulse | Flag a mistake

5 **Mammals became dominant on land mainly during the**

- A Cenozoic
- B Paleozoic
- C Precambrian
- D Archean

Understand It with Pulse | Flag a mistake

6 **Plate movements over millions of years change Earth surface by building mountains and opening and closing**

A soil layers

B ocean basins

C ice caps only

D river deltas only

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7 **Earth climate has changed through geologic time, including long warm periods and**

A no oceans

B no atmosphere

C ice ages

D constant temperatures

Understand It with Pulse | Flag a mistake

8 **The Moon surface is covered with craters and fine dust called**

A magma

B soil with plants

C sea ice

D regolith

Understand It with Pulse | Flag a mistake

9 **Io, a moon of Jupiter, is volcanically active because of heating from**

A tidal flexing by Jupiter gravity

B sunlight alone

C ocean tides

D wind

Understand It with Pulse | Flag a mistake

10 **Planetary geology compares planets and moons to understand how surfaces are shaped by**

A ocean currents only

B impacts, volcanism, tectonics and erosion

C weather forecasts only

D human activity

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	A	**5.**	A	**9.**	A
2.	B	**6.**	B	**10.**	B
3.	C	**7.**	C		
4.	D	**8.**	D		

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