YUKON EARTH SCIENCES 11 · UNIT C

Rocks, Minerals and the Rock Cycle — Practice Test

Yukon Earth Sciences 11 • 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 **Pumice floats in water because it contains many small gas**

- A bubbles
- B crystals
- C metals
- D salt grains

Understand It with Pulse | Flag a mistake

2 **Shale is a fine grained sedimentary rock formed from compacted**

A mud

B gravel

C sand

D magma

Understand It with Pulse | Flag a mistake

3 **Conglomerate is a sedimentary rock containing rounded pebbles and**

A glass

B gravel

C crystals

D metal

Understand It with Pulse | Flag a mistake

4 **Slate forms when shale is changed by heat and pressure during**

A metamorphism

B erosion

C melting

D weathering

Understand It with Pulse | Flag a mistake

5 **Gneiss shows bands of light and dark minerals formed during intense**

A cooling at the surface

B metamorphism

C sedimentation

D evaporation

Understand It with Pulse | Flag a mistake

6 **On the schematic map, which region shows the highest mineral resource level, marked 3**

- A Atlantic
- B British Columbia
- C Ontario
- D Prairies

Understand It with Pulse | Flag a mistake

7 **Physical weathering breaks rock into smaller pieces without changing its**

- A composition
- B shape
- C location
- D size

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8 **Chemical weathering changes the minerals in rock, for example when slightly acidic rainwater dissolves**

A quartz sand

B granite grains

C limestone

D diamond

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9 **Frost wedging breaks rock when water in cracks freezes and**

A dissolves

B evaporates

C expands

D contracts

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10 **Geologists use the rock cycle to show that geologic materials can change from one rock type to**

A a liquid forever

B another over time

C only one other type

D a gas only

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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