1 **What is the primary process by which sedimentary rocks are formed?**

a Weathering and erosion of igneous rocks

b Deposition and burial of organic matter

c Metamorphism of existing sedimentary rocks

d Volcanic eruptions and lava flows

2 **Which type of metamorphic rock is known for its use in sculpting and architecture?**

a Slate

b Marble

c Granite

d Obsidian

3 **Which of the following is a key property that differentiates limestone from sandstone?**

a Limestone is primarily made of calcium, while sandstone is made of silica.

b Limestone forms from the burial of biomass, while sandstone forms from crushed rocks.

c Limestone is chemically resistant, while sandstone is not.

d Limestone is found near coasts, while sandstone is found in former ocean basins.

4 **What was the primary use of obsidian in the ancient world?**

a Building construction

b Fertilizing agricultural land

c Making weapons and tools

d Producing glass

5 **How do the formation processes of coal and sandstone differ?**

a Coal forms from the burial of biomass, while sandstone forms from the deposition of smaller rock fragments.

b Coal forms on land, while sandstone forms underwater.

c Coal forms from heat and pressure alone, while sandstone requires additional tectonic activity.

d Coal is primarily made of calcium, while sandstone is primarily made of silica.

6 **Which property of granite makes it a valuable building material?**

a Its ease of carving and shaping

b Its low cost and wide availability

c Its chemical reactivity and durability

d Its resistance to weathering and erosion

7 **Where are marble deposits typically found?**

a In volcanic regions

b In underground caves

c In mountain regions near coastlines

d In areas with abundant biomass

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