

- 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