

◆ General Rock and Mineral Questions

What are naturally occurring inorganic substances that have a definite chemical composition and crystal structure?

➤ *Answer:*

What do we call the naturally occurring solid mass made up of one or more minerals?

➤ *Answer:*

3. **Which term describes how light reflects off the surface of a mineral (e.g., metallic, dull, glassy)?**

➤ *Answer*

4. **What is used to describe the colour of a mineral in powdered form, usually tested on a porcelain plate?**

➤ *Answer:*

Which property describes how resistant a mineral is to being scratched?

➤ *Answer*

What refers to the visible appearance or form of a mineral or rock, including edges and symmetry?

➤ *Answer*

What is the general term for the size and arrangement of mineral particles or crystals in a rock?

➤ *Answer:*

What is the term for a naturally occurring mineral deposit that is mined for profit?

➤ *Answer*

◆ Types of Rocks

9. **What type of rock forms from cooled magma or lava?**

➤ *Answer*

10. **What type of rock is formed from layers of sediments compacted and cemented together?**

➤ *Answer:*

11. **What type of rock forms when existing rocks are changed by heat and pressure?**

➤ *Answer:*

Which rock is formed from cooled lava, has a fine texture, and is commonly found in oceanic crust?

➤ *Answer*

Which light-coloured, coarse-grained igneous rock is often found in continental crust?

➤ *Answer*

Which dark-coloured, coarse-grained intrusive igneous rock is the opposite of basalt?

➤ *Answer:*

15. **Which sedimentary rock is formed mainly from sand-sized mineral particles or rock fragments?**

➤ *Answer:*

Geological Processes and the Rock Cycle

What term describes molten rock beneath the Earth's surface?

➤ *Answer:*

What term describes molten rock that has erupted onto the Earth's surface?

➤ *Answer*

What is the name of the process where rocks are broken down by wind, water, or chemical reactions?

➤ *Answer:*

What is the movement of weathered rock and soil from one place to another?

➤ *Answer:*

What process describes how sediments are laid down in layers?

➤ *Answer*

Which process involves pressing down layers of sediment due to weight above?

➤ *Answer:*

What process turns loose sediment into solid rock using natural cement?

➤ *Answer:*

What is the process of turning sediment into rock, involving compaction and cementation?

➤ *Answer*

What geological process lifts rocks from deep within the Earth toward the surface?

➤ *Answer:*

What type of change occurs due to increased temperature but not melting?

➤ *Answer:*