

Rocks : Quiz-45

Use the Common Rocks Table

- 1) What is a rock?
- 2) Name the three types of rocks.
- 3) Name the rock type.

Characteristic

Rock type (S, I, or M)

Contains fossils
Contains large hard crystals
Contains large soft crystals
Contains deformed strata

- 4) What is sediment?
- 5) What is magma?
- 6) Name three common minerals found in igneous rocks.
- 7) What are the main two properties used to classify igneous rocks?
- 8) Give the rock type.

Rock

Rock type (S, I, or M)

Limestone
Quartzite
Obsidian

- 9) Which rock has larger crystals; granite or rhyolite?
- 10) Lime (CaO) is used in lime mortar which is used to hold bricks together. Which rock does lime come from?
- 11) Why is chert so hard?
- 12) The minerals in gneiss are arranged in layers with flat, elongated grains. Explain why.

13) What is the most common element in coal?

14) Which rock is named after the Andes mountains?

15) How would you distinguish between white quartzite and white marble?

16) Name a rock which has the following use.

	<u>Use</u>	<u>Rock</u>
a)	fuel	
b)	chalkboard	
c)	cement	
d)	sculpture	
e)	flint	

Answers : 1) It is a solid mixture of minerals., 2) igneous, sedimentary, metamorphic, 3) S, I, S, M, 4) It comes from broken down rock., 5) It is hot liquid rock., 6) quartz, feldspar, biotite (or other dark minerals), 7) crystal size, amount of quartz, 8) S, M, I, 9) granite, 10) limestone, 11) It contains quartz, 12) It is formed deep underground under enormous pressure., 13) carbon, 14) andesite, 15) marble will react with acid, 16)a) coal, b) slate, c) limestone, d) marble, e) chert.