

Instructions: Select the letter of the correct answer for each question below.

1) Obsidian, bombs, blocks, and volcanic ash are common types of _____ rocks.

- a) Intrusive igneous
- b) sedimentary
- c) extrusive igneous
- d) metamorphic

2) Rocks that are formed due to a change in temperature or pressure that altered its chemical composition and texture are known as _____ rocks.

- a) Metamorphic
- b) Sedimentary
- c) Igneous
- d) limestone

3) A group of students were tasked to determine whether the rock given to them is an extrusive or intrusive igneous rock. The students concluded that the rock is an intrusive igneous rock. Which of the following might be a feature that made the students arrive to the conclusion that the rock given to them is an intrusive igneous rock?

- a) the rock has traces of remains of plants and animals
- b) the rock has big and coarse grain crystals
- c) the rock has small and fine crystals
- d) the rock's appearance was a planar arrangement of mineral grains

4) A metamorphic rock was formed when a rock's chemical composition, mineralogy, and texture were altered. What do you call the original rock that was altered due to various factors such as physical processes?

- a) plutonic rock
- b) metapelite
- c) dolostone
- d) protolith

5) The more foliated the rock is, the _____ its grade of metamorphism.

- a) lower
- b) higher
- c) same
- d) none of the above