

Review questions, June 29, 2009, Rocks

1. How does a “rock” differ from a mineral?
2. What are the three categories of rocks?
3. Describe each category.
4. What is the “Law of Superposition”?
5. How do layers of sediment deposited in a lake by water differ from layers of sediment deposited on dry land by wind?
6. What is the difference in a rock “joint” and a rock “bedding plane”?
7. What kind of rock makes up most of the earth’s crust?
8. Explain the difference in magma and lava.
9. Compare and contrast intrusive and extrusive igneous rocks.
10. Explain how plutonic rocks get to the surface of the earth?
11. What part of the “rock cycle” do you think the material that makes up the ground on USA’s campus represents?
12. If limestone is subjected to intense heat and pressure in the metamorphic process, what kind of rock will you end up with?
13. How does a metamorphic rock usually differ from the original rock before metamorphism took place?