

Laser Disc : Volcanoes

name: _____

1. What is magma?
2. Why does magma move toward the surface?
3. What determines whether or not an eruption will be explosive?
4. What is the U.S.G.S.?
5. What three conditions exist in those areas considered to be the most dangerous areas of volcanic activity?
6. What is happening at zones of subduction?
7. Why do bubbles often form in magma the instant it erupts?
8. In terms of plate movement, where does rift volcanism happen?
9. Besides subduction volcanoes and rift volcanoes, what is the third situation that causes volcanic activity? Give two examples.

10. As geologists monitor volcanoes, what are the two warning signs they pay close attention to?
11. What are the ways that volcanoes cause death and/or destruction?
12. How did Nevado Del Ruiz kill over 23,000 people in Columbia in 1985?
13. What is the most dangerous volcano in the USA according to the USGS? Why?
14. What is a caldera? Give two examples.
15. If Yellowstone erupted explosively as it did 650,000 years ago, what would be the main cause of death?