

Earth Science Chapter 10 Section 1 Review**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. A magma's viscosity is directly related to its _____.
a. depth
b. age
c. color
d. silica content
- _____ 2. Which of the following factors helps determine whether a volcanic eruption will be violent or relatively quiet?
a. amount of dissolved gases in the magma
b. temperature of the magma
c. composition of the magma
d. all of the above
- _____ 3. A lava flow with a surface of rough, jagged blocks and sharp, angular projections is called a(n) _____.
a. pyroclastic flow
b. aa flow
c. pahoehoe flow
d. ash flow
- _____ 4. As the temperature of lava increases, _____.
a. its viscosity decreases
b. it begins to harden
c. its viscosity increases
d. it can flow a much shorter distance
- _____ 5. Which list places the magma types in order of decreasing viscosity (most viscous listed first)?
a. basaltic, andesitic, rhyolitic
b. rhyolitic, andesitic, basaltic
c. andesitic, basaltic, rhyolitic
d. basaltic, rhyolitic, andesitic
- _____ 6. Which of the following is NOT a factor affecting how violently or quietly a volcano erupts?
a. magma's composition
b. magma's temperature
c. concentration of dissolved gases in the magma
d. size of the volcano's cone
- _____ 7. Highly explosive volcanoes tend to have what type of magma?
a. magma with high silica, high viscosity, and higher gas content
b. magma with low silica, low viscosity, and lower gas content
c. magma with low silica, high viscosity, and lower gas content
d. magma with no silica, high viscosity, and no gas content
- _____ 8. A volcanic bomb is a _____.
a. very violent volcanic explosion
b. piece of semi-molten rock ejected as glowing lava
c. pocket of gas that is released suddenly
d. tiny particle of ejected rock less than 64 mm in size
- _____ 9. The particles produced in volcanic eruptions are called _____.
a. laccoliths
b. calderas
c. pyroclastic material
d. volcanic stocks

Earth Science Chapter 16 Section 1 Review

Cesare Emiliani



Earth Science Chapter 16 Section 1 Review:

Unveiling the Power of Verbal Beauty: An Mental Sojourn through **Earth Science Chapter 16 Section 1 Review**

In a global inundated with displays and the cacophony of quick connection, the profound power and psychological resonance of verbal art usually fade into obscurity, eclipsed by the continuous onslaught of sound and distractions. However, set within the lyrical pages of **Earth Science Chapter 16 Section 1 Review**, a fascinating perform of literary beauty that impulses with natural thoughts, lies an unforgettable journey waiting to be embarked upon. Composed by way of a virtuoso wordsmith, that interesting opus guides visitors on a mental odyssey, lightly exposing the latent potential and profound influence stuck within the complex internet of language. Within the heart-wrenching expanse with this evocative examination, we shall embark upon an introspective exploration of the book is main styles, dissect its charming publishing model, and immerse ourselves in the indelible impression it leaves upon the depths of readers souls.

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