



# Ch 10 Review

*Choose the letter that best answers the question or completes the statement.*

1) The greatest volume of volcanic material is produced by

- a) eruptions of cinder cones.
- b) eruptions of composite (stratovolcano) cones.
- c) eruptions along ocean ridges (fissures).
- d) eruptions of shield volcanoes.

2) The most violent type of volcanic activity is associated with

a) cinder cones.

b) sills.

c) composite cones (stratovolcano).

d) shield volcanoes.

3) A magma's viscosity is directly related to its

a) **depth.**

b) **age.**

c) **color.**

d) **silica content.**

4) As the temperature of lava decreases,

\_\_\_\_\_.

- a) Its viscosity decreases
- b) It begins to melt
- c) Its viscosity increases
- d) It can flow a much longer distance

5) Which type of volcano consists of layers of lava flows and pyroclastic material?

**a) composite cone (stratovolcano)**

**b) cinder cone**

**c) shield volcano**

**d) laccolith**

6) Fluid basaltic lavas, like those in Hawaii, commonly form

- a) **High viscosity (aa flows).**
- b) **Low viscosity (pahoehoe flows).**
- c) **pyroclastic flows.**
- d) **lapilli flows.**

7) The volcanic landforms at divergent ocean plate boundaries are \_\_\_\_\_.

- a) **Oceanic ridges**
- b) **Ocean trenches**
- c) **Continental volcanic arcs**
- d) **Volcanic island arcs**

8) What feature may form in an intraplate area (middle of plate) over a rising plume of hot mantle material?

- a) a hot spot
- b) a trench
- c) a subduction zone
- d) an ocean ridge

9) What type of volcano is built almost entirely from ejected lava fragments?

a) **Shield volcano**

b) **Composite volcano**

c) **Cinder cone**

d) **None**

10) Which of the following is NOT a factor that determines if a volcano erupts violently or quietly?

- a) Location of volcano
- b) size of the volcanic cone
- c) the magma's composition
- d) amount of dissolved gases in the magma









## You MUST bring

- 1 Comfortable pair of pants **NO SHORT**
- 3 Layers on top (t-shirt, fleece & jacket)
- Fit sunglasses UV3, suncream & lipstick
- Hats sun (cap) & cold (beanie or scarf)
- Long & thick socks, small thermic gloves
- Lunch: sandwiches, energetic bars & water 2L
- Cash for chairlift/bill/tips (Foreign Card Tax!)

♻️ Be responsible, recycling obligatory ! ♻️

## Optional Rental

Sunglasses :      UV3 : +2000 / UV 4 : +3000  
Ski poles +2000 / Telescopic poles      +3000  
High quality backpack :      +2000  
Gas mask      If used in order to change the filter +4000  
We loan : cap, beanie & fleeces

