**Main Quiz**

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| **1.** |  |
|  | |  |  | | --- | --- | | Highly viscous lavas (m = 7) with high gas content will generally yield \_\_\_\_\_\_ volcanism. | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | A. | non-explosive |  | | B. | effusive |  | | Student Response C. | **explosive** | Student Response | | D. | andesitic |  | | E. | basaltic |  | | | | Score: | 1/1 | |  | | |
| **2.** |  |
|  | |  |  | | --- | --- | | The majority of the world’s explosive volcanoes are found at \_\_\_\_\_\_. | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | A. | continental hot spots |  | | B. | oceanic hot spots |  | | C. | transform faults |  | | **Student Response D.** | **convergent plate margins** | Student Response | | E. | divergent plate boundaries |  | | | | Score: | 1/1 | |  | | |
| **3.** |  |
|  | |  |  | | --- | --- | | Mafic lava flows are dangerous because \_\_\_\_\_\_. | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | A. | of its low viscosity, thus high explosivity |  | | B. | it can flow up and over hills to where people are hiding |  | | C. | it can flow in lava tubes |  | | D. | of its high maximum temperatures of 200 - 500 °C |  | | **Student Response E.** | **it can flow downslope at high speed** | Student Response | | | | Score: | 1/1 | |  | | |
| **4.** |  |
|  | |  |  | | --- | --- | | The MOST COMMON direct cause of deaths from volcanic activity is/are \_\_\_\_\_\_\_\_. | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | **Student Response A.** | **pyroclastic flows** | Student Response | | B. | tsunami |  | | C. | lahars |  | | D. | ash inhalation |  | | E. | asphyxiation by gas |  | | | | Score: | 1/1 | |  | | |
| **5.** |  |
|  | |  |  | | --- | --- | | Which of the following statements would be TRUE about volcanism in an ocean-ocean convergence setting? | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | A. | Rhyolite is the most frequently erupted lava. |  | | **Student Response B.** | **Mafic-intermediate lavas are common.** | Student Response | | C. | The silica content of magma is very high. |  | | D. | The Cascade Range is an excellent example of an ocean-ocean convergence arc. |  | | E. | Lavas tend to be highly viscous. |  | | | | Score: | 1/1 | |  | | |
| **6.** |  |
|  | |  |  | | --- | --- | | Which of the following does NOT contribute to Mt. Rainier’s volcanic hazards? | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | A. | hydrothermal alteration |  | | B. | the abundance of weathered rock and clay |  | | C. | the proximity of population centers |  | | **Student Response D.** | **low to moderate slopes** | Student Response | | E. | glaciers |  | | | | Score: | 1/1 | |  | | |
| **7.** |  |
|  | |  |  | | --- | --- | | Most active volcanoes above sea level are found at \_\_\_\_\_\_\_. | | |  | | | |  | **Student Response** | **Correct Answer** | | --- | --- | --- | | **Student Response A.** | **convergent margins** | Student Response | | B. | slide-past margins |  | | C. | mid-ocean ridges |  | | D. | intraplate hot spots |  | | E. | continental rifts zones |  | | | | Score: | 1/1 | |  | | |