

Response Summary - ERASMUS + QUIZ FOR STUDENTS 2018

Total respondents: 67

What causes earthquakes?

Earthquakes are caused when tension is released inside the Earth's crust.	22 (33%)
✓ Earthquakes are caused when tension is released inside the Earth's crust.	42 (63%)
Earthquakes are caused when the Earth moves closer to the Sun.	3 (4%)
Earthquakes are caused when it's very hot in the middle of summer.	0 (0%)

The point on the Earth's surface that is directly above an earthquake is called the:

✓ Epicentre	59 (91%)
Focus	2 (3%)
Cone	3 (5%)
Inner core	1 (2%)

Energy released by an earthquake is in the form of:

Rocks	2 (3%)
Shakes	5 (8%)
✓ Seismic waves	56 (89%)
Nuclear	0 (0%)

Which of the following can be triggered by an earthquake?

Tsunami	9 (14%)
Intense ground shaking	1 (2%)
A landslide	4 (6%)
✓ All of these	50 (78%)

Which of the following statements is false?

Most earthquakes occur at plate boundaries	5 (8%)
Earthquakes can be caused by normal, reverse and strike-slip faulting	6 (10%)
✓ The time and location of most major earthquakes can be predicted several days in advance	47 (75%)
P waves travel faster than both S waves and Surface waves	5 (8%)

The strength or magnitude of an earthquake is measured using what?

✓ Richter scale	60 (95%)
Vanderlay chart	2 (3%)
Barometer	0 (0%)
Shakagraph	1 (2%)

This type of volcano has a gentle eruption with oozing lava flows

Inder cone	12 (19%)
All types of volcanoes	8 (13%)
✓ Shield	37 (60%)
Composite	5 (8%)

What forms at the top of a volcano after an eruption?

Vent	3 (5%)
Pyroclastic flow	2 (3%)
✓ Crater	55 (89%)
Magma chamber	2 (3%)

What is the outside layer of the earth called?

Mantle	4 (6%)
✓ Crust	55 (89%)
Outer Core	0 (0%)
Land	3 (5%)

What is magma?

Liquid rock spewed from a volcano	10 (16%)
Poisonous gas trapped under the Earth's crust	2 (3%)
Lava that has cooled to a solid	1 (2%)
✓ Liquid rock inside the Earth	51 (80%)

Which of these countries has no active volcanoes?

Iceland	3 (5%)
Italy	5 (8%)
Japan	5 (8%)
✓ Poland	48 (79%)

Magma composition helps shape a volcano. What substance determines whether magma is chunky or flowy?

Sand	3 (5%)
Salt	1 (2%)
✓ Silica	46 (77%)
Calcium carbonate	10 (17%)

The huge hole left by the collapse of a volcanic mountain is called a

Lava plateau	8 (14%)
✓ Caldera	45 (76%)
Cinder cone	5 (8%)
Shield volcano	1 (2%)

Volcanic eruptions cause destruction, but they are also

Harmful because they create fertile soil	10 (17%)
Helpful because they help with solar power	2 (3%)
✓ Beneficial because they provide usable minerals	41 (71%)
Helpful because they destroy land	5 (9%)

A volcano which erupts 1000 km³ of material is called:

✓ A super volcano

45 (75%)

A small volcano

2 (3%)

A mega volcano

10 (17%)

A medium volcano

3 (5%)