

**Instruction:** Select the letter of the correct answer for each question.

1) Which of the following states the difference between the focus and the epicenter of an earthquake.

- (A) The terms “focus” and “epicenter” are just the same and can be used interchangeably.
- (B) Focus refers to the point on Earth’s surface that is directly above the earthquake’s hypocenter. Epicenter refers to the origin of the slippage within Earth’s interior.
- (C) Focus refers to the area under the Earth where the slippage originates. Epicenter refers to the point on the Earth’s surface that is directly above the hypocenter.
- (D) None of the above

2) Which of the following is/are TRUE about primary waves?

- I. Primary Waves are the slowest seismic waves
- II. Primary Waves can travel through solid, liquid, and gas
- III. Primary Waves are also called shear waves
- IV. Primary Waves push and pull the rocks in the direction the wave is traveling

- (A) II only
- (B) IV only
- (C) III and IV only
- (D) II and IV only

3) Which of the following is the correct description of an earthquake’s intensity?

- (A) quantitative measurement of the amount of energy released at the earthquake’s source.
- (B) qualitative measurement of the amount of ground shaking at a location
- (C) the distance from the hypocenter to the Epicenter
- (D) the squared of the distance from the hypocenter to the Epicenter



## Earthquakes

## Practice Questions

4) What do you call the type of fault where the hanging wall moves down relative to the footwall?

- (A) Normal Fault
- (B) Reverse Fault
- (C) Strike-Slip Fault
- (D) Oblique-Slip Fault

5) \_\_\_\_\_ is the sudden sinking of the surface of the Earth due to movement of Earth underneath.

- (A) Landslide
- (B) Subsidence
- (C) Seiches
- (D) Sinistral Faults



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*To God be the glory!*