

Physics of Earthquakes

Quiz with answers

1. Scientific study of earthquakes is called:
 - ☐ tectonics
 - ☒ **seismology**
 - ☐ glaciology
 - ☐ paleontology
2. Induced seismicity is triggered, among others, by:
 - ☒ **mining and quarrying**
 - ☐ distribution of lithospheric plates
 - ☐ collision of lithospheric plates
 - ☐ volcanism
3. Seismometers record earthquakes in scale of:
 - ☐ percentage
 - ☐ centile
 - ☐ metric
 - ☒ **magnitude**
4. Earthquake magnitude 7 is higher than earthquake magnitude 5:
 - ☐ 7 times
 - ☒ **100 times**
 - ☐ 10 times
 - ☐ 2 times
5. Maximum magnitude of the earthquake:
 - ☐ is 10
 - ☐ is 12
 - ☐ is 18
 - ☒ **is not specified**
6. The scale used to rate magnitude of an earthquake is:
 - ☒ **Richter**
 - ☐ Beaufort
 - ☐ Mercalli
 - ☐ Kelvin
7. Seismic waves that seismograph records first are:
 - ☐ S
 - ☐ X
 - ☒ **P**
 - ☐ Y