

GEO 1111 Lecture 1 Review Questions (Answers)

1. Which theory helps explain why there is a stronger frequency of earth quakes around the ring of fire?
c. the theory of plate tectonics
2. List the five parts of the earth system
Hydrosphere, Cryosphere, Lithosphere, atmosphere, biosphere
3. Which ore can be derived from bauxite?
b. Aluminum
4. Geology is the science that pursues understanding of **planet earth**
5. What does AMS stand for?
d. accelerated mass spectrometer
6. Geodynamics investigate processes such as:
a. mountain building
7. The cryosphere includes:
b. water in the ice sheets
8. The lithosphere is the rigid part of the earth including the **upper mantle** and **crust**
9. Which isotope can be used for dating
a. ^{238}U
10. Seismology is the study of **earth quakes**