

Name: _____

Period: _____

Rev: 12/15/08

Ch. 10 Review Questions

Identify each of the following vocabulary words described below.

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|------------------|------------------------|----------------------|
| A. Asthenosphere | D. Pangaea | G. Continental Drift |
| B. Plate | E. Convection Current | H. Plate Tectonics |
| C. Lithosphere | F. Sea Floor Spreading | |

- _____ 1. Plastic like layer below the lithosphere.
- _____ 2. Idea that continents move slowly across Earth's surface.
- _____ 3. Large, ancient landmass that consisted of all the continents on Earth.
- _____ 4. Composed of oceanic or continental crust and upper mantle.
- _____ 5. Explains locations of mountains, trenches, and volcanoes.
- _____ 6. Theory proposed by Harry Hess that includes processes along mid-ocean ridges.

Choose the word or phrase that best answers the question.

- _____ 7. Which layer of Earth contains the asthenosphere?
A) crust B) mantle C) outer core D) inner core
- _____ 8. What type of plate boundary is the San Andreas Fault part of?
A) divergent B) subduction C) convergent D) transform
- _____ 9. What hypothesis states that continents slowly moved to their present positions on Earth?
A) subduction B) erosion C) continental drift D) seafloor spreading
- _____ 10. Which plate is subducting beneath the South American Plate to form the Andes mountain range?
(Hint: see the map on page 294 of your textbook)
A) Nazca B) African C) North American D) Indo-Australian
- _____ 11. Which of the following features are evidence that many continents were at one time near Earth's south pole?
A) glacial deposits B) earthquakes C) volcanoes D) mid-ocean ridges
- _____ 12. What evidence in rocks supports the theory of seafloor spreading?
A) plate movement B) magnetic reversals C) subduction D) convergence
- _____ 13. Which type of plate boundary is the Mid-Atlantic Ridge a part of?
A) convergent B) divergent C) transform D) subduction
- _____ 14. What theory states that plates move around on the asthenosphere?
A) continental drift B) seafloor spreading C) subduction D) plate tectonics