Study Guide – Plate Tectonics

Chapter 15, Sections 1-3- pages 392-406

Terms

1. Crust
2. Mantle
3. Core
4. Lithosphere
5. Asthenosphere
6. Mesosphere
7. Inner core
8. Outer core
9. Tectonic plate
10. Continental drift
11. Alfred Wegner
12. Seafloor spreading
13. Convergent boundary
14. Divergent boundary
15. Transform boundary
16. Pangeae
17. Magnetic reversal
18. Mid-ocean ridge
19. Rifting (rift)

Concepts

1. Name and describe the 3 compositional layers and the 5 physical layers of the Earth.
2. Name and explain the evidence Alfred Wegner had for continental drift theory
3. Name and differentiate between the two types of crust (continental/ocean)
4. Describe seafloor spreading and the evidence for it.
5. Name the 3 types of plate boundaries (and the 3 types of convergent boundaries) – be able to explain the boundary and the features that are associated with each
6. Describe convection currents and how they affect the movement of the plates