# Physical Systems - Test Review

1. What type of erosion had the greatest impact on Canada’s topography?
2. Explain how the composition of the rock of the earth’s crust helped to create the continents and the ocean basins.
3. What features are created on the earth’s surface because the tectonic plates are moving? Be able to describe SPECIFIC features and how they were formed.
4. Explain three different factors that play a role in the amount of destruction and deaths caused by an earthquake.
5. What type of rock will you find fossil fuels? Why?
6. What are the three categories of plate boundaries? What is happening at each type of plate boundary?
7. What is the difference between the theory of “Continental Drift” and the theory of “Plate Tectonics”? Who developed each theory?
8. What four proofs did Alfred Wegener provide for his theory?
9. What is the difference between a cinder cone, composite and shield volcano?
10. What is the difference between the Nebular Hypothesis and the Big Bang Theory?
11. What are the natural disasters that occur because of plate movement?
12. Explain three reasons why the interior of the earth is so hot.
13. How do we know if a mountain region is young or old?
14. Explain how the plates of the Earth move.
15. How are tsunamis created?
16. Be able to label the horizons of the soil profile.
17. Understand the rock cycle.
18. What is the difference between a primary hazard and a secondary hazard?
19. Explain the four different physical processes that tsunamis go through?
20. What are the two types of glaciers and how do they differ?
21. What are the two types of weathering? How do they differ?
22. Make sure you know your map of the world
23. Make sure you know the landform regions of Canada.
24. Explain how the Richter Scale works?
25. Define the following terms:
26. esker
27. differential erosion
28. impervious
29. fault
30. craton
31. planetesimal
32. erosion
33. subduction
34. hypocenter (focus)
35. epicenter
36. aftershock
37. liquefaction
38. tsunami
39. moraine
40. hot spot
41. magma
42. striations
43. fjord
44. drumlin
45. pyroclastic flow
46. lithosphere
47. rift valley
48. Pangaea