

Review for Physical Connections Unit Test

Terms: tsunami, continental drift, Pangaea, plate tectonics, erosion, weathering, Canadian Shield, Glaciers, sediments, geoscience, weather, climate, relief precipitation, maritime climate, continental climate, jetstream, soil, soil profile, permafrost, coniferous trees, deciduous trees, mixed forest, landform, meltwater, shield, highlands, lowlands, bedrock,

Topics to cover:

1. What are the four main layers of the earth (note)
2. What is the study of seismology?
3. What is the difference between lithosphere, atmosphere and biosphere?
4. Explain the theory of Plate tectonics.
5. What is sea level?
6. What do you call Magma once it breaks through the crust?
7. What happens when a tectonic plate moves?
8. What is an Ocean Trench?
9. What are convection currents? Cells?
10. What is the rock cycle? (page 121 text)
11. What is the difference between weathering and erosion?
12. What are the different types of mechanical and chemical weathering?
13. What are the 4 agents of erosion? Explain each.
14. Who came up with the theory of Continental Drift? Was his theory doubted at the time? What evidence did he use to support his theory? (114 - 115)
15. What are different landform regions? Which one do we live on? Which one is very close by? Make sure you can identify them and give characteristics.
16. What are the 4 basic facts about Canada's climate? (pg 145 of text)
17. How do we remember the 6 climate factors? What does each letter of it stand for?
18. What are the 2 elements of a climate graph that help us get a better idea about a city's climate? Make sure you are able to recognize which ones are maritime and continental climates.
19. What are the 4 components of Soil?
20. There are three different types of soil. Make sure you are able to identify them.
21. What are deciduous and coniferous trees? What is a mixed forest?
22. How does the physical geography have an effect on Human Geography?
23. Mapping - Know your Landform regions and Climate regions

Diagrams and maps:

