**Geography Exam Review**

Below is a general outline of some of the topics reviewed in class. You can check-mark the bubble once you are 100% sure you understand the concept.

**Unit 1: Economic Connections**

* Primary, Secondary, and Tertiary Resources
* Raw Materials
* Manufacturing Process
* Pastoral / Arable / Mixed Farming
* Clear-cutting / Shelterwood Logging / Selective Logging
* Function of Geologist
* Horticulture and Aquaculture
* Conventional versus Alternative Energy
* Renewable Resources (wind, hydroelectric, solar and geothermal)
* 3 Types of Mining
* Bitumen and Keystone Pipelines
* Sustained Yield Management
* Balance of Trade
* Direct and Indirect Effects of Carbon
* Carbon Footprint, Fossil Fuels, Greenhouse Gas, Carbon Sink, Carbon Source

**Unit 2: Mapping Skills**

* Compass Rose – Ordinal and Cardinal Points
* Be able to label all the Provinces and Territories and ALL their capitals
* GPS – what is is and what it does
* Longitude
* Latitude
* Equator and Prime Meridian
* All major bodies of water (The Great Lakes, major rivers and the Oceans that surround Canada)

**Unit 3: Ecozones and Climate**

* Know the difference between major types of Ecozones (For example, the properties of a Cordillera region compared to the Plains, Maritime, Shield and Arctic
* Know how to read or draw a climate graph
* Hydrologic cycle (Evaporation, Condensation and Precipitation)
* Confined Aquifer (Impermeable Surface) versus Unconfined Aquifer (permeable)
* Climate change effect on Canada’s water resources, Canada’s forests, Coastal Zone and Health of Canadians

**Unit 4: Physical Geography**

* Types of Natural Disasters (Volcanoes, Tsunamis, Tornadoes, Earthquakes and Hurricanes)
* Lithosphere, Hydrosphere, Atmosphere and Biosphere
* Plate tectonics
* Types of Rock (Metamorphic, Igneous and Sedimentary)
* Formation of the Earth (Core, Mantle, etc.)

**Unit 5: Aboriginals**

* Indian Act, Royal Proclamation and treaties
* Self-Government
* Sweat Lodge, Pow Wow, drumming and other cultural activities
* Animism
* Assimilation and Residential Schools + video watched in class
* Totem Poles – Animal Symbolism
* Medicine Wheel in detail

**Unit 6: Settlement Pattern**

* Urban versus Rural
* Long-lots, Section System and Concession System
* Manufacturing Cities, Transportation Cities, Tourist Cities and Resource-based Cities
* Population Distribution
* Dispersed versus Concentrated Patterns of Settlement
* Population Pyramid – Positive, Negative and Stable Growth
* Formula for Population Density (Total Population / Total Land in km)

**Important Note**

Keep in mind that this is not everything that was covered as many of the key terms have not been typed up from individual presentations.

You will have to review your notes and create a detailed study sheet of everything that was covered – both from in-class presentation and textbook work assigned for homework.

If the entire class completes their study sheet, you will be given a detailed word-bank to help in one section of the exam. If not, you will have to memorize the correct spelling and terms for this section as well.

If you have any questions you can come early on Monday (12 p.m.) for extra help