

Outline: Topography and Climate Test

1. 25 Multiple Choice:

- a. Climate vs Weather
- b. Meteorologist
- c. Compression vs Tension (Convergent vs Divergent forces)
- d. Folds vs Faults (Mountain building)
- e. Continental drift vs Plate Tectonics
- f. Alfred Wagner
- g. Where are volcanos located?
- h. Volcanos (Cinder Cone, Shield, Composite)
- i. Factors that Influence Climate (Latitude, altitude, oceans etc.)
- j. Types of precipitation (Frontal, Orographic, Convectional)
- k. Windward vs Leeward
- l. Rainshadow and Chinook Winds
- m. Be able to read a climograph
- n. Landform Regions (focus on areas that relate to us or areas with famous landmarks (Rocky Mountains)).

2. Two Constructed Response

- a. Compare the climate of two areas given to you. Should be able to discuss a number of factors including altitude, relief, ocean currents, proximity to ocean, jet stream/air masses, latitude, etc.
- b. Explain how plate tectonics and volcanic activity interact to create new lithosphere crust. Be able to draw, label and discuss terms such as convection currents, magma/lava, subduction zone etc.