**Unit 5 Study Guide Questions**

EEn.2.2.1 Explain the consequences of human activities on the lithosphere (such as mining, deforestation, agriculture, overgrazing, urbanization, and land use) past and present.

1. Explain the need for and consequences of various types of land use such as urbanization, deforestation and agriculture.
2. Explain ways to mitigate detrimental human impacts on the lithosphere and maximize sustainable use of natural resources.
3. Explain the effects of human activity on shorelines, especially in development and artificial stabilization efforts.
4. Explain the effects of human activity on mountainsides, especially in development and artificial stabilization efforts.

EEn.2.1.3 Explain how natural actions such as weathering, erosion (wind, water and gravity), and soil formation affect Earth’s surface

1. Explain differences in chemical and physical weathering and how weathering rates are affected by a variety of factors including climate, topography and rock composition.
2. Compare erosion by water, wind, ice, and gravity and the effect on various landforms.

EEn.2.1.4 Explain the probability of and preparation for geohazards such as landslides, avalanches, earthquakes and volcanoes in a particular area based on available data

1. Conclude the best location for various types of development to reduce impacts by geohazards and protect property.
2. Explain precautions that can be made to protect life from various geohazards and include meteorological hazards. Some examples include landslides, earthquakes, tsunamis, sinkholes, groundwater pollution, and flooding

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