**Land Unit Study Guide**

Define the following:

Urban land

Urban sprawl

Urban crisis

urbanization

Rural land

Infrastructure

Cropland

Rangeland

Wilderness

Arable land

Erosion

Monoculture

Food miles

biodegradable

leachate

municipal solid waste

E-waste

What are the five soil forming factors?

What is a soil profile?

What are soil horizons?

What are the four essential components of any soil?

What terms are used to describe soil texture?

Which layer of the soil profile contains the most nutrients?

What are the main problems facing rangeland?

Compare and contrast selective cutting and clear cutting as forest management techniques

What are the consequences of deforestation?

Describe various soil conservation practices used to help prevent erosion

For how long has man been farming?

Compare and contrast modern conventional farming and organic farming. Consider how soil fertility is managed and how weeds and pests are managed.

Organic farmers must farm in accordance with what standards?

What is a community supported agriculture (CSA)?

Describe the environmental impacts of modern industrial farming

Describe the environmental impact of excessive fertilizer use

Describe the possible health impacts of modern farming

Discuss the main arguments for and against the use of GMOs in agriculture

Which country spends the least proportion of their income on food?

What was the “green revolution.”

How much waste does the average American generate each day?

Where does most waste in the U.S. end up?

What types of materials **can and cannot** be added to a compost pile

What is the primary purpose of a sanitary landfill?

Why does little decomposition take place in a landfill

Which gas is released by anaerobic decomposition in a landfill?

Compare and contrast landfills with incinerators

What happened at the Love Canal?

Two Laws to know:

The Superfund Act

The Resource Conservation and Recovery Act