

**Eco Literacy Assessment – Fall 2013**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_

**Please answer the following questions to the best of your ability:**

Producing the plastic in a single bottle from virgin plastic (not recycled) requires \_\_\_\_\_\_\_ the amount of energy to make the same bottle from recycled plastic taking into account all related processes.

* Almost no energy compared to
* Half
* Equal
* More than eight times
* Do not Know

Social Responsibility implies a commitment to triple bottom line reporting, which includes:

* Three forms of economic reporting
* Environmental, social and economic performance
* Multiple employee performance
* All of the above
* Do not know

Which of the following best defines social justice?

* The concept of creating an inclusive society that is based on principles of equality
* Laws that have been created on a national level to guide appropriate social behaviors
* Appropriate punishment for those who commit hate crimes
* Fighting crime in tights
* Do not know

A technique to assess environmental impacts associated with all the stages of a product’s life from cradle to grave (resource extraction through usage and disposal), is called:

* An annual review
* A life cycle assessment
* An energy audit
* A thermal system analysis
* Do not know

What is meant by the term “carbon footprint”?

* It refers to the size of the carbon chain in a given quantity of gasoline
* The carbon left on the ground each time you take a step
* Quantifying greenhouse gasses released by daily activities
* All of the above
* Do not know

Which of the following is a renewable resource?

* Oil
* Natural Gas
* Trees
* Coal
* All of the above
* Do not know

Which of the following statements about greenhouse gasses is FALSE?

* Humans would be better off without greenhouse gasses
* Greenhouse gasses allow solar radiation in the atmosphere
* There are many different greenhouse gasses, not just carbon dioxide
* All of the above are TRUE
* Do not know

What is the largest contributor to greenhouse gasses at CSU?

* Transportation
* Electricity
* Solid Waste
* Refrigerants
* Methane from livestock
* Do not know

The Urban Heat Island Effect is:

* An increased desire to live in rural areas
* An increased number of islands being discovered in tropical zones
* An increase in the number of cities that cut off exports and imports during hot summer months
* A rising temperature in urban areas due to the density of buildings and other human-made structures
* All of the above
* Do not know

Which of the following are principles of systems thinking?

* Measuring outcomes within the larger, more complex system
* Addressing problems in a way that does not create new problems in the future
* Considering the impact of actions beyond environmental, economic and social to also include time and space
* All of the above
* Do not know

What does LEED stand for?

* League of Engineers for Environmental Disasters
* Learning and Experiencing Environmental Disciplines
* Leadership in Energy and Environmental Design
* Learning Enriched Environmental Dialogues
* Do not know