

Name: _____

Score: _____ / _____

LUC Sustainability Literacy Survey

Part 1

What is the name of a species that plays a particularly important role regarding the abundance of other species such that they are essential to the health of an ecosystem?

- A. Endangered species
- B. Threatened species
- C. Keystone species
- D. Indicator species
- E. Complementary species
- F. I don't know

Which of the following is an abiotic component of an environment?

- A. Bacteria
- B. Plants
- C. Fungi
- D. Water
- E. Animals
- F. I don't know

Which of the following is NOT a consequence of over-pumping aquifers?

- A. Sinkholes
- B. Saltwater intrusion into fresh groundwater systems
- C. Generalized subsidence of the land above an aquifer
- D. An inability to meet usage needs for water users
- E. All of these are consequences of over-pumping aquifers
- F. I don't know

What is the name for water that is tightly bound to soil particles and thus inaccessible to plant roots?

- A. Capillary water
- B. Geothermal water
- C. Gravitational water
- D. Hygroscopic water
- E. None of these
- F. I don't know

Which of the following is a renewable primary energy source?

- A. Wind
- B. Coal
- C. Batteries
- D. Natural gas
- E. Oil
- F. I don't know

Which of the following is not a greenhouse gas?

- A. Water vapor
- B. Carbon dioxide
- C. Methane
- D. Oxygen
- E. Chlorofluorocarbons (CFCs)
- F. I don't know

The Ozone layer in the atmosphere protects organisms on the surface from what:

- A. High energy UV light from the sun
- B. Tornados
- C. Climate change
- D. Air pollution not including particulate matter
- E. Air pollution including particulate matter
- F. I don't know

Which of the following is NOT a consequence of human induced climate change?

- A. Increased precipitation in some areas
- B. Decreased precipitation in some areas
- C. Rising sea levels
- D. Melting sea ice and glaciers
- E. Higher atmospheric carbon dioxide levels
- F. I don't know

Which of the following is an invasive species present in the Chicagoland region?

- A. Buckthorn
- B. Oak
- C. Ash
- D. American elm
- E. Black cherry
- F. I don't know

What is the main source of drinking water for residents of the City of Chicago?

- A. Chicago River
- B. Lake Michigan
- C. Des Plaines River
- D. Fox River
- E. Groundwater
- F. I don't know

What is the current United Nations definition of sustainability based on its 2015 Sustainable Development Goals?

- A. Meeting the needs of the present without compromising the ability of future generations to meet their needs
- B. Prioritizing the needs of developing countries over the needs of developed countries
- C. Prioritizing the planet's needs over the needs of people or the economy
- D. Reducing, reusing, and recycling daily consumables
- E. Building equitable economies within nations before considering the needs of other nations and the planet
- F. I don't know

What is an example of the differences between the Paris Accord and Kyoto Protocol?

- A. Countries are bound to reduce GHG emissions to meet IPCC requirements in the Paris Accord
- B. Countries are bound to reduce GHG emissions to meet IPCC requirements in the Kyoto Protocol
- C. The Paris Accord did not require developing countries to reduce GHG emissions
- D. The Kyoto Protocol did not require developing countries to reduce GHG emissions
- E. More than one answer is correct
- F. I don't know

Loyola's Climate Action Plan outlines steps the University is taking to be net carbon neutral for directly controlled emissions by which year?

- A. 2025
- B. 2030
- C. 2035
- D. 2050
- E. 2100
- F. I don't know

What is the term for Pope Francis' holistic approach to understanding and/or solving environmental problems in the context of political, social, economic, and other societal challenges?

- A. Sustainability science
- B. Green revolution
- C. Integral ecology
- D. Ecological footprint analysis
- E. Triple bottom line
- F. I don't know

How is organic waste (food scraps, soiled paper products, etc.) managed in Loyola's dining halls?

- A. Landfill
- B. On-site backyard composting
- C. Off-site industrial composting
- D. Used as animal feed
- E. Anaerobic digestion
- F. I don't know

The School of Environmental Sustainability houses which type of on-site energy system that is the largest of its kind in a Chicago school?

- A. Geothermal wells
- B. Wind turbine
- C. Hydropower
- D. Industrial-scale solar
- E. Concentrated solar power system
- F. I don't know

Part 4: Attitudes and behaviors questions

Do you agree with the following statement:

"Nature has inherent value or worth beyond its economic or market value."

Strongly Disagree

Disagree

Undecided

Agree

Strongly agree

Do you agree with the following statement:

"I am skeptical of claims that a product is green or eco-friendly."

Strongly Disagree

Disagree

Undecided

Agree

Strongly agree

Do you agree with the following statement:

"Loyola's green campus and commitment to sustainability were part of the reason I chose to come here for school."

Strongly Disagree

Disagree

Undecided

Agree

Strongly agree

Do you agree with the following statement:

"I know of ways I could get involved with sustainability projects on campus."

Strongly Disagree

Disagree

Undecided

Agree

Strongly agree