

Tuesday, February 24, 2015

9:14 AM

Sustainability Literacy Assessment

1. Choose the best definition for "sustainable development."
 - Continual growth over a period of time, measured in per capita GDP.
 - Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.
 - Research and development of sustainable technologies such as electric cars and solar cells.
 - Reserving land and resources for preservation so they can never be used.
 - I don't know
2. Businesses often refer to the "bottom line" when talking about profit margins, what is the "triple bottom line?"
 - Income, Expense, Profit
 - Land, Labor, Capital
 - People, Planet, Profit
 - Profit, Profit, Profit
 - I don't know
3. Which of the following negatively impacts social sustainability?
 - Rising literacy rates
 - Narrowing income gaps
 - Social unrest
 - An impartial system of justice
 - I don't know
4. What federal agency oversees environmental regulation?
 - Environmental Protection Agency
 - Department of Agriculture
 - Council on Environmental Quality
 - Department of Health and Human Services
 - I don't know
5. What percentage of the water on Earth is fit and available for human consumption?
 - 25%
 - 3%
 - 1%
 - 10%
 - I don't know

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6. Having good public transportation and infrastructure is an example of what dimension(s) of sustainability?
- Environmental
 - Socio-economic
 - Eco-economic
 - Social
 - I don't know
7. The world's richest 20% consume _% of the world's resources.
- 99%
 - 77%
 - 66%
 - 44%
 - I don't know
8. Which of the following costs are reflected in the price of gas you pay at the pump?
- Federal tax subsidies to competing domestic oil producers
 - Government spending on transportation and infrastructure, maintenance, and clean up
 - Environmental and public health costs caused by pollution
 - None of the above
 - I don't know
9. Which of the following activities are associated with the greatest water usages? Hint: consider the processing of any products in question.
- Taking a bath
 - Eating 1/2 lb of beef
 - Drinking 1 cup of coffee
 - Eating two slices of bread
 - I don't know
10. Rachel Carson became famous for writing Silent Spring, which brought attention to what issue?
- Pesticides
 - Land fill leakages
 - Radiation exposure
 - Bovine growth hormones
 - I don't know

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11. At the time of European settlement, Wisconsin had more than 10 million acres of wetland. Today, only half remains. What is the importance of conserving wetlands?
- Water purification
 - Flood prevention
 - Tourism revenue
 - All of the above

I don't know

12. What is the largest source of pollution in the lakes and rivers of the United States?

- Agricultural runoff
- Sewage
- Urban runoff
- None of the above
- I don't know

13. In the United States impervious (impenetrable, watertight) surfaces cover more than 43,000 square miles. What is the environmental impact of impervious surfaces such as buildings, roads and pavement?

- Aquifer depletion
- Runoff into lakes and streams
- Flash flooding
- All of the above
- I don't know

14. Coal is a fossil fuel used to generate electricity. When it is burned it releases dangerous chemicals such as carbon dioxide, sulfur dioxide, and mercury. The mining, cleaning, and transportation of coal generates additional health and environmental hazards. What percentage of electricity in Wisconsin comes from this form of energy?

- 22%
- 49%
- 62%
- 84%
- I don't know

15. Choose the best definition for "economic sustainability."

- The ability for an economy to support a defined level of economic production indefinitely.
- Social well-being and indefinite harmony marked by prosperity, social justice, and high education rates.
- The ability for an environment to support a level of environmental quality and natural resource extraction rates indefinitely.
- The ability for an economy to sustain low levels of inflation and whose markets are globally competitive.
- I don't know.

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16. Ozone forms a layer in the earth's atmosphere. What does ozone protect us from?

- Acid rain
- UV rays
- Sudden changes in temperature
- Nothing
- I don't know

17. What is a long-term effect of global climate change?

- Less severe weather incidents
- Lower sea levels
- Decreased atmospheric CO2
- Changing makeup of plant and animal communities
- I don't know

18. Choose the best definition for "biodiversity."

- The variety of life in the world or in a particular habitat or ecosystem
- The variety of habitats or ecosystems a certain organism may inhabit
- The resiliency an ecosystem has to changing temperatures and rainfall
- All of the above
- I don't know

19. What are the three dimensions of sustainability?

- Environment, Society, Economy
- Conservation, Capitalism, Democracy
- Efficiency, Employment, Education
- Environment, Education, Activism
- I don't know

20. 50% of humanity lives on, or less, than \$_/day.

- \$10.00
- \$5.75
- \$2.50
- \$.25
- I don't know

Sustainability Literacy Assessment

21. Some residence halls on the UWSP campus are LEED certified, what does this mean?

- The buildings are fully insured for all natural disasters
- The buildings were built with fair-trade buildings supplies, and are free of lead and asbestos
- The buildings were built by certified contractors
- The buildings maximize operational efficiency and minimize environmental impact
- I don't know

22. Which of the following would be considered the best environmental practice?

- Recycling all recyclable goods
- Buying "eco-friendly" and energy saving products
- Reducing consumption of all goods

- Buying only the most durable goods
- I don't know

23. Sometimes products are labeled as "fair trade." What does this label signify?

- The product does not come from illegal markets
- The price of the product is not artificially inflated or deflated
- The product was produced in an ethical manner
- The product is certified organic
- I don't know

24. How do humans benefit from living in a sustainable society?

- Continued economic revenue from responsible management practices
- Increased health, decrease in chronic illnesses
- Less severe hardships associated with poverty
- All of the above
- I don't know

25. This former Wisconsin governor is famous for founding Earth Day

- Philip La Follette
- Tommy Thompson
- Gaylord Nelson
- Lee Dreyfus
- I don't know

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26. Fracking is a method of extracting oil or gas by injecting a liquid mixture at high pressure into porous subterranean rocks. While it is a booming source of domestic fossil fuels, it also comes with a wealth of environmental hazards. Are you in favor of the increased use of fracking?

This is an opinion question, and therefore there are no points associated with the answer.

- In favor
- Somewhat in favor
- Not sure
- Somewhat not in favor
- Not in favor

27. Do you believe that global warming is mostly caused by human activity?

This is an opinion question and therefore there are no points associated with the answer.

- Agree
- Somewhat Agree
- Not Sure
- Somewhat Disagree
- Disagree

28. Rate the following sustainability concerns. 1 = urgent, warrants immediate action; 2 = problematic, warrants action; 3= potentially problematic, warrants long-term action; 4 = not very problematic, warrants no action; 5= I don't know

This is an opinion question and therefore there are no points associated with the answer.

	1	2	3	4	5
Global carbon and greenhouse gas emissions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pollution of rivers, lakes, and oceans	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Groundwater depletion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Top-soil erosion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rising wealth and income gaps	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social injustice of racial and ethnic minorities, LGBTQ members, and women	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Loss of wildlife habitat due to human development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of life and animal rights issues for livestock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

29. Please select your education level.

30. Please select the college of your major.