Sustainability Literacy Survey Questions

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1. Which is the most commonly used definition of sustainability?
   1. Setting aside resources for preservation
   2. Meeting the needs of the present without compromising the ability of future generations to meet their own needs
   3. Developing communities that are both economically diverse and demographically diverse
   4. A method for redistribution of wealth which minimizes the impact on commerce
   5. I do not know
2. The triple bottom line refers to:
   1. Business practices that ensure enough revenue for shareholders, management and workers
   2. Creator, manufacturer and retailer all have enough capacity for profit from product
   3. Sustainable development
   4. Environmental quality & social equity are as important as economic stability
   5. I do not know
3. What does Life Cycle Assessment refer to:
   1. Expected duration of a product
   2. Expected revenue generation of product from creation, manufacture to retail
   3. Commercial speculation of product relevancy before becoming outdated and needing replacement
   4. Analysis of environmental impacts and resources used throughout a product’s life, from raw materials extraction and extending through product use and disposal
   5. I do not know
4. Ecosystem Services refers to:
   1. Management practices used to address wildlife populations
   2. Management practices used to address wildlife and human interactions
   3. The many and varied benefits to humans gifted by the natural environment and from healthy ecosystems
   4. The variety of commerce driven by the public’s demand to protect the environment
   5. I do not know
5. Biodiversity is defined as:
   1. The number of species, both plant and animal, inhabiting the natural area being examined
   2. The diversity of biological processes on earth
   3. The examination of different biology in different people
   4. The many differences among humans depending on where they live
   5. I do not know
6. What are some threats to biodiversity? Check all that apply:
   1. Habitat Destruction
   2. Artificial Intelligence
   3. Climate Change
   4. Market fluctuations
   5. Invasive Species
   6. Pollution
   7. Excessive Extraction
   8. Poverty/Hunger
7. What are greenhouse gases?
   1. The gases being emitted in a greenhouse used for growing vegetables and fruits
   2. Methane which has more global warming potential than carbon
   3. The gases that are a result of fossil fuel combustion
   4. An example of why industrial agriculture contributes to global warming
   5. A number of gases that are both human derived and naturally occurring which contribute to the warming on earth and protect the earth from the sun’s radiation
8. Which of the following are benefits of waste reduction and reuse? Check those that apply.
   1. Reduces the amount of waste to be disposed
   2. Reduces greenhouse gas emissions that contribute to global climate change
   3. Saves energy and preserves natural resources
   4. Helps sustain the environment for future generations
   5. All of the above
   6. I don’t know
9. What is the Urban Heat Island Effect?
   1. A small island in the middle of an urban river that is warmer than the city itself due to topography and more consistent water temperatures?
   2. An urban area that heats up faster than the surrounding neighborhoods
   3. The increase use of energy for heating due to higher populations
   4. The result of more reflective glass in an city creating a warmer area elsewhere in the city
   5. The overall higher temperatures in a city due to more concrete and other building materials instead of vegetated areas
10. Population growth impacts sustainability because? Check all that apply:
    1. Results in increased resource depletion
    2. Poorer countries may use more resources
    3. Industrialization saves resources
    4. Increased populations may require industrial agriculture
    5. It may lead to inequitable distribution based on wealth and resources
    6. It may impact political stability and human migration

Answers to Sustainability Literacy Survey

Question 1 – B

Question 2 – D

Question 3 – D

Question 4 – C

Question 5 – A

Question 6 – A, C, E, F, G, H

Question 7 – E

Question 8 – E

Question 9 – E

Question 10 – A, D, E, F