

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

## Stewardship or Scar? 8th Grade Human-Landscape Symphony Quiz

Examine 10 scenarios involving global resource management, terracing technology, and the ecological footprints of modern industrial expansion.

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**1. The construction of the Great Man-Made River in Libya is a massive engineering feat designed to transport water from ancient underground aquifers to coastal cities. This is primarily an example of:**

- A. Biological adaptation to arid climates
- B. Modification of the environment to overcome water scarcity
- C. Dependence on surface-level desalination plants
- D. A natural restoration of historical riverbeds

**2. The Incan practice of carving steps into the Andes Mountains to create flat land for agriculture is known as \_\_\_\_.**

- A. Crop rotation
- B. Hydroponic gardening
- C. Terrace farming
- D. Slash-and-burn

**3. The 'Dust Bowl' in the 1930s United States was a consequence caused solely by natural climate cycles with no influence from human farming techniques.**

- A. True
- B. False

**4. In the Maldives, the government is exploring the creation of floating cities due to rising sea levels. This response is best categorized as:**

- A. Economic dependence on tourism
- B. Cultural isolationism
- C. Strategic adaptation to environmental change
- D. Modification of deep sea tectonic plates

**5. The process of \_\_\_\_ in the Aral Sea, caused by diverting rivers for cotton irrigation, resulted in the collapse of the local fishing industry and altered regional weather.**

- A. Desertification
- B. Reforestation
- C. Urbanization
- D. Industrialization

**6. The use of 'Stepwells' in medieval western India is an example of a cultural adaptation to seasonal monsoons and long dry periods.**

- A. True

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B. False

**7. How does the 'Heat Island Effect' in cities like Phoenix or Tokyo demonstrate the consequence of human modification?**

- A. Concrete and asphalt absorb and radiate more heat than natural landscapes
- B. Urban populations have adapted to prefer higher temperatures
- C. Tall buildings block wind, which naturally increases oxygen levels
- D. City planners use geothermal energy to heat the streets

**8. Many nations in the Middle East have a high \_\_\_\_\_ on the Strait of Hormuz for the transport of oil, showing how geographical 'choke points' affect global trade.**

- A. Adaptation
- B. Modification
- C. Dependence
- D. Negative consequence

**9. The 'Great Green Wall' initiative in Africa is a human modification intended to have a positive consequence by halting the spread of the Sahara Desert.**

- A. True
- B. False

**10. Which of the following describes a 'feedback loop' in human-environment interaction?**

- A. Humans planting a garden in their backyard for aesthetics
- B. Air conditioning use increasing due to global warming, which then consumes more energy and emits more greenhouse gases
- C. A nomadic tribe moving their herds to a different pasture
- D. Building a bridge over a river to shorten a commute