

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

## Harnessing the Anthropocene: 10th Grade Geography Quiz

Sophomores identify human modifications like terrace farming and the Great Man-Made River while analyzing how societies adapt to diverse global biomes.

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**1. Which agricultural technique is a classic example of humans modifying steep mountainous terrain to prevent erosion and create arable land?**

- A. Hydroponic gardening
- B. Terrace farming
- C. Slash-and-burn cultivation
- D. Center-pivot irrigation

**2. Building earthquake-resistant skyscrapers in San Francisco is an example of human adaptation to the environment.**

- A. True
- B. False

**3. The use of \_\_\_\_\_ in the Colorado River basin allows humans to redirect water to desert cities like Phoenix, showing heavy dependence on diverted resources.**

- A. Wind turbines
- B. Desalination plants
- C. Dams and aqueducts
- D. Subterranean aquifers

**4. Which of the following is a negative consequence of modifying the environment through large-scale monoculture farming?**

- A. Increased crop diversity
- B. Reduction in soil nutrients
- C. Lower dependence on pesticides
- D. Expansion of natural habitats

**5. The 'Great Man-Made River' project in Libya is an example of adaptation because it changes how people dress for the heat.**

- A. True
- B. False

**6. When a city experiences the 'Urban Heat Island' effect, it is a \_\_\_\_\_ of replacing natural vegetation with concrete and asphalt.**

- A. Direct adaptation
- B. Cultural preference
- C. Geographic benefit

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D. Unintended consequence

**7. Which group's traditional lifestyle most clearly demonstrates 'dependence' on the seasonal flooding of a river system?**

- A. Ancient Egyptian civilizations
- B. Modern residents of Las Vegas
- C. Oil workers in the North Sea
- D. Nomads in the Gobi Desert

**8. The development of \_\_\_\_\_ allows humans to inhabit regions with extreme temperatures, such as the American Southwest and the Middle East.**

- A. Smartphones
- B. Air conditioning
- C. Public transit
- D. Organic fertilizers

**9. Overfishing in the Grand Banks of Newfoundland is a consequence resulting from human dependence on marine resources.**

- A. True
- B. False

**10. The 'Green Wall' initiative in Africa, which plants trees to stop the Sahara's expansion, is an example of:**

- A. Natural occurring evolution
- B. Intentional environmental modification
- C. Static dependence
- D. Urban decentralization