

Assessment of sustainability literacy and knowledge of UBT students

The following is a sample sustainability knowledge test designed for UBT students:

Instructions: Please answer the following questions to the best of your ability. This test is designed to assess your understanding of sustainability concepts and their application in an academic setting.

Section 1: Core Sustainability Concepts (Choose the best answer)

1. Which of the following is the most widely accepted definition of sustainable development?
 - a) Economic growth that meets the needs of the present without limiting the ability of future generations to meet their own needs.
 - b) The use of resources to improve quality of life.
 - c) Development that focuses solely on environmental protection.
 - d) Business practices that increase profits while minimizing costs.
2. The "three pillars" of sustainability are:
 - a) Environment, economy, and society.
 - b) Energy, food, and water.
 - c) Ethics, engagement, and education.
 - d) Efficiency, effectiveness, and excellence.
3. What is the primary goal of the United Nations Sustainable Development Goals (SDGs)?
 - a) To promote global economic growth.
 - b) To end poverty, protect the planet, and ensure prosperity for all.

- c) To reduce carbon emissions.
 - d) To improve international relations.
4. Which of the following best describes "ecological footprint"?
- a) The impact of human activities on the Earth's ecosystems.
 - b) The amount of land needed to grow food.
 - c) The carbon emissions of a particular activity.
 - d) The size of a protected natural area.

Section 2: Sustainability in Everyday Life

1. Which of the following is an example of a renewable energy source?
- a) Coal
 - b) Natural gas
 - c) Solar power
 - d) Nuclear power
2. What does "reduce, reuse, recycle" mean?
- a) A way to manage waste and conserve resources.
 - b) A method for cleaning up pollution.
 - c) A government policy for environmental protection.
 - d) A type of manufacturing process.
3. What is "water conservation"?
- a) The process of cleaning polluted water.

- b) The efficient use of water to reduce waste.
 - c) Building dams to store water.
 - d) Diverting water from rivers for irrigation
4. Which of the following is a benefit of using public transportation?
- a) It is more convenient than driving.
 - b) It reduces traffic congestion and air pollution.
 - c) It is always faster than driving.
 - d) It is more expensive than driving

Section 3: Sustainability and UBT

1. Does UBT promote any sustainability practices on campus? If so, can you give an example?
(This question requires knowledge of UBT-specific activities)
2. How can *students* contribute to making UBT more sustainable?
 - a) By participating in campus sustainability initiatives.
 - b) By reducing waste and conserving resources on campus.
 - c) By choosing sustainable transportation options.
 - d) All of the above.

Section 4: Saudi Vision 2030 and Sustainability

1. Does Saudi Vision 2030 include goals related to sustainability?
 - a) Yes
 - b) No
2. Which of the following is a key environmental goal of Saudi Vision 2030?
 - a) Increasing oil production
 - b) Reducing carbon emissions
 - c) Expanding desertification
 - d) Promoting deforestation
3. How can UBT *students* contribute to the realization of Saudi Vision 2030's sustainability goals?
 - a) By developing innovative solutions to sustainability challenges.
 - b) By raising awareness about sustainability issues in their communities.
 - c) By pursuing careers in sustainable industries.
 - d) All of the above.

Answer Key (Sample Answers):

Section 1: Core Sustainability Concepts

1. a) Economic growth that meets the needs of the present without limiting the ability of future generations to meet their own needs.
2. a) Environment, economy, and society.
3. b) To end poverty, protect the planet, and ensure prosperity for all.
4. a) The impact of human activities on the Earth's ecosystems.

Section 2: Sustainability in Everyday Life

1. c) Solar power
2. a) A way to manage waste and conserve resources.
3. b) The efficient use of water to reduce waste.
4. b) It reduces traffic congestion and air pollution.

Section 3: Sustainability and UBT

1. Answer will depend on UBT initiatives.
2. d) All of the above.

Section 4: Saudi Vision 2030 and Sustainability

1. a) Yes
2. b) Reducing carbon emissions
3. d) All of the above.