

ENVIRONMENTAL KNOWLEDGE AND BEHAVIOR SURVEY ANSWER KEY:

Q3 What is the most common cause of pollution of streams and rivers?

ANSWER:

Surface water running off yards, city streets, paved lots, and farm fields can carry potential pollutants like lawn fertilizers, bacteria, pesticides, metals, and petroleum by-products pollute streams and rivers.

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Q4 Ozone forms a protective layer in the earth's upper atmosphere. From what does the ozone protect us from?

ANSWER:

Harmful UV rays. The stratospheric ozone layer is Earth's "sunscreen" – protecting living things from too much ultraviolet radiation from the sun.

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Q5 Which of the following is an example of sustainable forest management?

ANSWER:

Never harvest more than what the forest produces in new growth. Forests and trees are significant contributors to preserving the livelihoods of both people and the planet. Supplying clean air and water, conserving biodiversity, and help to respond to climate change.

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Q6 Of the following, which would be considered living in the most environmentally sustainable way?

ANSWER:

Reducing consumption of all products is the most environmentally friendly way to live because new products need materials and energy to be produced. Being conscious of your consumption is the most effective way to save natural resources, protect the environment, and be budget-friendly.

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Q7 Which of the following is the most commonly used definition of sustainable development?

Answer:

Meeting the needs of the present without compromising the ability of future generations to meet their own needs. Sustainable development has been defined in many ways, but the most frequently quoted definition is from Our Common Future, also known as the Brundtland Report: "Sustainable development

is development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

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Q8 Over the past three decades, what has happened to the difference between the wealth of the richest and the poorest Americans?

ANSWER:

The difference has increased. Upper-income households have seen more rapid growth in income in recent decades, income growth has been most rapid for the top 5% of families.

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Q9 Many economists argue that electricity prices in the U.S. are too low because...

ANSWER:

They do not reflect the costs of pollution from generating electricity. Many economists argue that electricity prices in the U.S. are too low because: The prices do not reflect costs of pollution from generating electricity. ... Higher electricity prices would stimulate economic growth. Low electricity prices make the U.S. less competitive in international markets.

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Q10 Which of the following is the most commonly used definition of economic sustainability?

ANSWER:

Long-term profitability. Economy is about conserving resources and the concept is used to define and explain the value resources have today and their possible value in the future. In other words, we must conserve finite natural resources today so that future generations too can cater to their needs.

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Q11 Which of the following countries passed the U.S. to become the largest emitter of the greenhouse gas carbon dioxide?

Answer:

China. China's greenhouse gas emissions in 2019 exceeded those of the U.S. and other developed nations combined, according to research published Thursday by Rhodium Group. China is now responsible for more than 27% of total global emissions. The U.S., the world's second-highest emitter, accounts for 11% of the global total.

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Q12 Which of the following is a leading cause of the depletion of fish stocks in the Atlantic Ocean?

Answer:

Fisherman seeking to maximize their catch. Overfishing is closely tied to bycatch—the capture of unwanted sea life while fishing for a different species. This, too, is a serious marine threat that causes the needless loss of billions of fish, along with hundreds of thousands of sea turtles and cetaceans.

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Q28 Which of the following is the best example of environmental justice?

Answer:

All stakeholders from an indigenous community are involved in settling a quota for the amount of wood they can take from a protected forest next to their village. Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

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