

### Question 1

In general, which of the following has best helped to reduce extreme poverty between 1990 and 2015?

- A) Programs specifically targeted to bring the poorest nations into the development process
- B) International efforts to promote economic growth in countries with the greatest poverty
- C) Increased development of environmental protection in countries with the greatest poverty
- D) Adoption of cultural programs that shift populations from rural to urban locations

Answer: <https://biology-forums.com/index.php?topic=1887928>

### Question 2

The hazardous-waste disposal system that involves contained toxins and is provided with approved liners, leachate control, monitoring wells and constant surveillance is

- A) a secure landfill.
- B) a deep-well injection.
- C) an on-site surface impoundment.
- D) a best-demonstrated available technology.

Answer: <https://biology-forums.com/index.php?topic=1888268>

### Question 3

Even though the Green Revolution continues today,

- A) subsistence farmers increasingly rely on sustainable agricultural methods.
- B) the harvest of shade grown coffee and rain forest nuts and fruits has been abandoned.
- C) the global amount of land used to raise crops continues to decline.
- D) high-yield varieties need expensive fertilizer, pesticides and irrigation.

Answer: <https://biology-forums.com/index.php?topic=1887998>

### Question 4

The most water can be held within a soil mixture consisting of equal masses of which soil types?

- A) Sand and silt
- B) Clay and sand
- C) Silt and clay
- D) Small stones and sand

Answer: <https://biology-forums.com/index.php?topic=1887968>

### Question 5

In the processes of pesticide biomagnification and bioaccumulation impacting a food chain

- A) the pesticide has to be non-biodegradable (persistent) for the processes to occur.
- B) the greatest levels of mortality are in the producers and first level consumers.
- C) the concentrations may not be fatal if the top consumers are very small.
- D) consumers at the top of the food chain will develop rapid pesticide resistance.

Answer: <https://biology-forums.com/index.php?topic=1888026>

### Question 6

Along with the global trend in urbanization is the correlated trend in

- A) providing universal health care in megacities of developing nations.
- B) declining global human population.
- C) reforestation.
- D) overconsumption of resources.

Answer: <https://biology-forums.com/index.php?topic=1888302>

### Question 7

Which of the following natural threats to human health is least predictable, meaning that there is usually the least amount of lead time before a disaster?

- A) Earthquakes, tsunamis, and tornados
- B) Forest fires
- C) Hurricanes and floods
- D) Severe snowstorms

Answer: <https://biology-forums.com/index.php?topic=1888126>

### Question 8

The greatest environmental problem of the 1950s was  
A) the increasing level of ultraviolet radiation as the ozone layer was destroyed.  
B) global climate change illustrated by the worldwide decline of thousands of glaciers.  
C) widespread and easily detected water and air pollution.  
D) thousands of nuclear power plants that spread radiation across the globe.

Answer: <https://biology-forums.com/index.php?topic=1887751>

### Question 9

Which of the following human activities has resulted in the conversion of nearly 50% of the Earth's land surface?  
A) Construction of roads and bridges  
B) Construction of all homes and buildings  
C) Agricultural production of crop and animal products  
D) Construction and operation of mines

Answer: <https://biology-forums.com/index.php?topic=1887873>

### Question 10

Which of the following statements about conservation of water is true?  
A) Waste in water use and food production cancel each other out.  
B) Using bottled water is cheaper than using water that is moved by pumping it long distances.  
C) Conservation of water resources, energy and food production and distribution are linked.  
D) The water needed to grow vegetables and grains is much greater than the water needed to produce beef.

Answer: <https://biology-forums.com/index.php?topic=1887959>

### Question 11

Data detailing deaths from smoking, obesity, and alcohol use are examples of environmental hazards related to  
A) biology.  
B) culture.  
C) the physical environment.  
D) chemicals in the environment.

Answer: <https://biology-forums.com/index.php?topic=1888119>

### Question 12

Current data from satellite and sea surface measurements of temperature in the troposphere, reveal  
A) complete disagreement with predicted temperatures.  
B) periods of cooling and warming until 1976, but after 1976, consistent warming.  
C) no correlation between temperature and levels of greenhouse gases.  
D) a general cooling of global atmospheric temperatures, more pronounced after 1976.

Answer: <https://biology-forums.com/index.php?topic=1888160>

### Question 13

A soil that is found to have 50% sand, 30% silt, and 20% clay would be referred to as  
A) silty.  
B) sandy.  
C) clayey.  
D) loamy.

Answer: <https://biology-forums.com/index.php?topic=1887970>

### Question 14

If you see the symbol "USDA ORGANIC" on a package of food, you know that the product  
A) contains no GM or irradiated ingredients.  
B) may have been fertilized with sewage sludge.  
C) is at least 51% organic.  
D) is 100% organic.

Answer: <https://biology-forums.com/index.php?topic=1888037>

### Question 15

When a student helps gather signatures for petitions to add bottle laws to Illinois, he is not paid. Instead, his actions represent efforts for

- A) personal gain.
- B) the common good.
- C) building trust.
- D) social justice.

Answer: <https://biology-forums.com/index.php?topic=1888312>

### Question 16

We would expect populations in undisturbed natural communities with high biodiversity

- A) to be near their carrying capacity.
- B) to have exceeded their biotic potential.
- C) to have grown beyond all types of environmental resistance.
- D) to be characterized by high emigration and low recruitment.

Answer: <https://biology-forums.com/index.php?topic=1887811>

### Question 17

In the winter in North America, the common cold often shows

- A) high morbidity but low mortality.
- B) high morbidity and high mortality.
- C) low morbidity but high mortality.
- D) low morbidity and low mortality.

Answer: <https://biology-forums.com/index.php?topic=1888113>

### Question 18

Water in the oceans may become freshwater that is available to humans through the processes of

- A) evaporation, condensation, and precipitation.
- B) transpiration, purification, and precipitation.
- C) precipitation and infiltration.
- D) condensation and infiltration.

Answer: <https://biology-forums.com/index.php?topic=1887944>

### Question 19

In short, different selective pressures in closely related species, as in Darwin's Galapagos finches, will produce

- A) similar migration patterns.
- B) similar reproductive strategies.
- C) different adaptations.
- D) new mutations.

Answer: <https://biology-forums.com/index.php?topic=1887824>

### Question 20

The curving strips of farmland used in contour strip farming are used to

- A) reduce wind erosion.
- B) reduce water erosion.
- C) irrigate the fields.
- D) confuse insect pests.

Answer: <https://biology-forums.com/index.php?topic=1887988>