

Time left 0:30:19

**Question 1**

Not yet answered

Marked out of 1.00

Human populations have which type of survivorship curve?

Select one:

- a. Type I
- b. Type II
- c. Type III
- d. Type IV

[Clear my choice](#)**Question 2**

Not yet answered

Marked out of 1.00

Which statement best explains the relationship between a food chain and a food web?

Select one:

- a. A food web includes many intersecting food chains.
- b. A food chain includes many intersecting food webs.
- c. A food chain leads into a food web.
- d. A food web and food chain begin and end with the same organisms

[Clear my choice](#)**Question 3**

Not yet answered

Marked out of 1.00

Which of the following is not a way that humans have increased the carrying capacity of the environment?

Select one:

- a. agriculture
- b. using large amounts of natural resources
- c. domestication of animals
- d. use of language

[Clear my choice](#)

**Question 4**

Not yet answered

Marked out of 1.00

Examples of homologous structures include:

Select one:

- a. the wings of a bat and bird.
- b. the wings of a bat and the limbs of a cat.
- c. the limbs of a cat and limbs of a tortoise.
- d. All of the above

[Clear my choice](#)

**Question 5**

Not yet answered

Marked out of 1.00

The process of photosynthesis can BEST be described as:

Select one:

- a. using the energy in sunlight to make food.
- b. using the energy in food to make ATP.
- c. using the energy in sunlight to make oxygen and water.
- d. using the energy in food to make sunlight.

[Clear my choice](#)

**Question 6**

Not yet answered

Marked out of 1.00

The zone with the highest productivity and biodiversity of the ocean is called:

Select one:

- a. photic
- b. neritic
- c. aphotic
- d. pelagic

[Clear my choice](#)

**Question 7**

Not yet answered

Marked out of 1.00

The inheritance of acquired characteristics states that:

Select one:

- a. traits an organism develops during its own lifetime are determined by nature.
- b. traits an organism develops during its own lifetime are not passed on to offspring.
- c. traits an organism develops during its own lifetime are passed on to offspring.
- d. traits an organism develops during its own lifetime are determined by evolution.

[Clear my choice](#)

**Question 8**

Not yet answered

Marked out of 1.00

Which term describes the process whereby toxic substances increase along trophic levels of an ecosystem?

Select one:

- a. biomassification
- b. biomagnification
- c. bioentropy
- d. heterotrophy

[Clear my choice](#)

**Question 9**

Not yet answered

Marked out of 1.00

A forest fire is an example of \_\_\_\_\_ regulation.

Select one:

- a. density-dependent
- b. density-independent
- c. r-selected
- d. K-selected

[Clear my choice](#)

**Question 10**

Not yet answered

Marked out of 1.00

The conditions for Hardy-Weinberg equilibrium include that:

Select one:

- a. only a few individuals move into or out of the population.
- b. no new alleles are being created.
- c. non-random mating is occurring.
- d. all of the above

[Clear my choice](#)

**Question 11**

Not yet answered

Marked out of 1.00

A good hypothesis must be:

Select one:

- a. logical.
- b. based on scientific knowledge.
- c. falsifiable.
- d. all of the above

[Clear my choice](#)

**Question 12**

Not yet answered

Marked out of 1.00

Which of the following is best at showing the life expectancy of an individual within a population?

Select one:

- a. quadrat
- b. mark and recapture
- c. survivorship curve
- d. life table

[Clear my choice](#)

**Question 13**

Not yet answered

Marked out of 1.00

The main limiting factors in an aquatic biome are:

Select one:

- a. the availability of sunlight.
- b. the concentration of dissolved oxygen and nutrients in the water.
- c. the availability of sunlight and the concentration of dissolved oxygen and nutrients in the water.
- d. the availability of sunlight and the concentration of dissolved carbon and nutrients in the water

[Clear my choice](#)

**Question 14**

Not yet answered

Marked out of 1.00

A country with zero population growth is likely to be \_\_\_\_\_.

Select one:

- a. in Africa
- b. in Asia
- c. economically developed
- d. economically underdeveloped

[Clear my choice](#)

**Question 15**

Not yet answered

Marked out of 1.00

\_\_\_\_\_ seeks to minimize the limitations of a risk assessment based regulatory policy by encouraging a search for alternatives whenever a potentially hazardous chemical is identified.

Select one:

- a. Ecolabeling
- b. Precautionary principle
- c. Market analysis
- d. Environmental justice

[Clear my choice](#)

**Question 16**

Not yet answered

Marked out of 1.00

Biodiversity refers to:

Select one:

- a. the variety of life and its processes, including the variety of living organisms.
- b. the genetic differences among living organisms.
- c. the communities and ecosystems of living organisms.
- d. all of the above

[Clear my choice](#)

**Question 17**

Not yet answered

Marked out of 1.00

Why is the tundra treeless?

Select one:

- a. lack of sufficient water
- b. permanently frozen ground
- c. winters too harsh
- d. too many fires

[Clear my choice](#)

**Question 18**

Not yet answered

Marked out of 1.00

When an invasive species alters the community structure it is introduced to, what can the consequence be?

Select one:

- a. extinction of economically important species
- b. reduced predation on some native species
- c. increased predation on some native species
- d. all of the above

[Clear my choice](#)

**Question 19**

Not yet answered

Marked out of 1.00

Species with limited resources usually exhibit a(n) \_\_\_\_\_ growth curve.

Select one:

- a. logistic
- b. logical
- c. experimental
- d. exponential

[Clear my choice](#)

**Question 20**

Not yet answered

Marked out of 1.00

Which statement best explains the relationship between decomposers and producers?

Select one:

- a. Decomposers use the molecules that producers release back to the environment.
- b. Producers use the molecules that decomposers extract from the environment.
- c. Producers use the molecules that decomposers release back to the environment.
- d. Decomposers use the molecules that producers extract from the environment.

[Clear my choice](#)

**Question 21**

Not yet answered

Marked out of 1.00

The land ethic \_\_\_\_\_.

Select one:

- a. suggests that citizens be required to recycle
- b. changes the role of Homo sapiens from conqueror of the land-community to plain member and citizen of it
- c. suggests that countries should be classified as either developing or developed.

[Clear my choice](#)

**Question 22**

Not yet answered

Marked out of 1.00

The environmental justice movement started because \_\_\_\_\_.

Select one:

- a. corporate polluters were not serving jail time for breaking environmental laws
- b. Aldo Leopold published The Land Ethic
- c. the Environmental Protection Agency was not doing its job
- d. people realized that environmental damage is not equally distributed among all classes and racial groups; minority and low-income communities tend to contain a much larger share of the environmental damage (such as landfills, incinerators, toxic waste sites, etc.)

[Clear my choice](#)

**Question 23**

Not yet answered

Marked out of 1.00

Examples of analogous structures include:

Select one:

- a. the wings of a bat and bird.
- b. the wings of a bat and the limbs of a cat.
- c. the limbs of a cat and limbs of a tortoise.
- d. all of the above.

[Clear my choice](#)

**Question 24**

Not yet answered

Marked out of 1.00

Testing a(n) \_\_\_\_\_ involves performing a(n) \_\_\_\_\_.

Select one:

- a. experiment, observation
- b. hypothesis, experiment
- c. observation, hypothesis
- d. conclusion, prediction

[Clear my choice](#)

**Question 25**

Not yet answered

Marked out of 1.00

The current mass extinction, caused primarily by habitat loss due to human actions is called:

Select one:

- a. fourth extinction
- b. fifth extinction
- c. sixth extinction
- d. seventh extinction

[Clear my choice](#)