

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

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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

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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](#)