

Quizizz

Mean Green Science: Interdependency and Life Science Quiz 2

Name : _____

Class : _____

Date : _____

1. What is a producer?



- a) an organism that gets energy from eating other organisms
- b) an organisms that uses sunlight to make its own food
- c) an organism that gets energy from eating dead organisms, non-living material or waste
- d) an organism that uses chemical energy to make its own food

2. A community of living and nonliving things in their natural environment makes up a



- a) food web b) ecosystem
 c) food chain d) population

3. A community of living and nonliving things in their natural environment makes up a



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4. What is a herbivore?



- a) an animal that gets energy from eating other animals
- b) an organism that gets energy from eating only plants
- c) an animal that gets energy by eating both plants and other animals
- d) an animal that eats only herbs

5. An organism that gets energy from eating other organisms is a _____.



- a) producer
- b) consumer
- c) decomposer
- d) prey

6. An organism that gets energy from breaking down dead organisms, non-living material or waste is a(an) _____.



- a) producer b) consumer
- c) decomposer d) autotroph

7. An animal that gets energy from eating both plants and animals is a(an)

_____.



(c) Tom Walker/Getty Images

- a) herbivore b) carnivore
 c) omnivore d) autotroph

8. Which of the following is NOT a consumer?



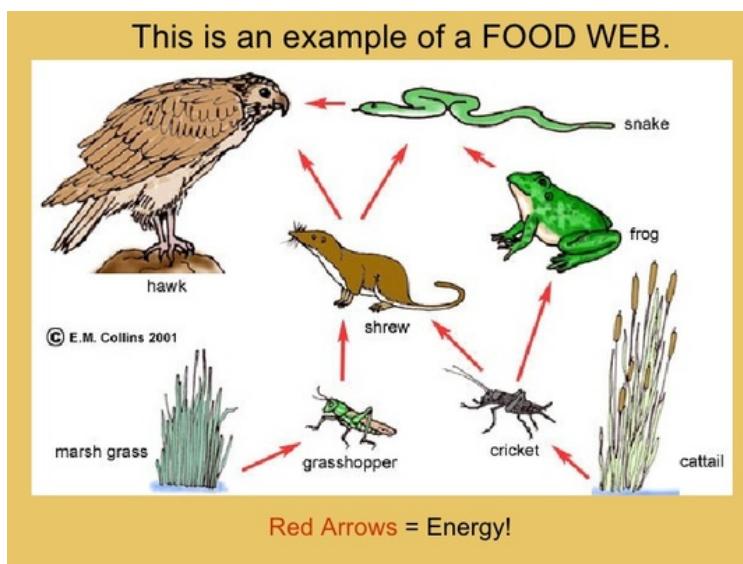
a) grass

b) dog

c) shark

d) fish

9. The shrew provides energy for the _____.



a) cricket

b) grasshopper

c) frog

d) snake

10. Which represents the largest group in a food web?

a) carnivores

b) omnivores

c) herbivores

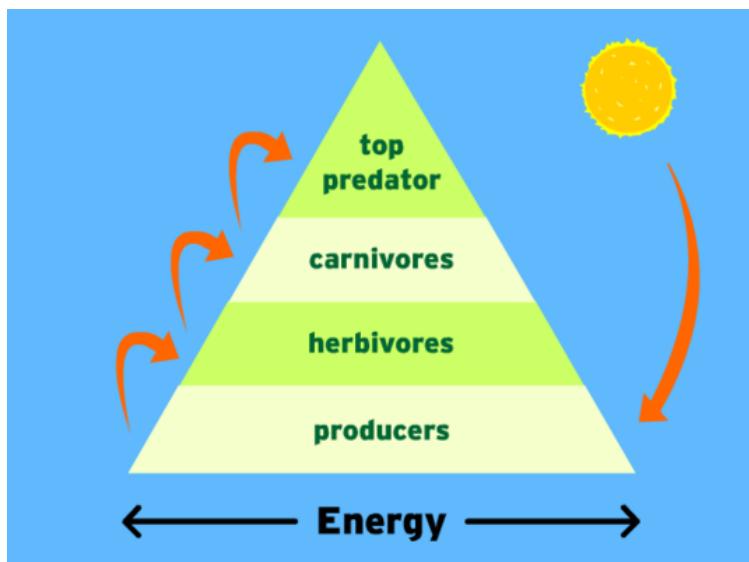
d) producers

11. Where do all life forms get their energy?



- a) Earth's Core b) Water
- c) Plants d) The Sun

12. In the energy pyramid here, how much of the energy in each level gets lost as heat or used by the organism for survival?



- a) 80% b) 90%
- c) 10% d) 20%

13. What percentage of energy is passed on to each trophic level?

a) 10%

b) 50%

c) 90%

d) 100%

14. The arrows in a food chain or web represents what?

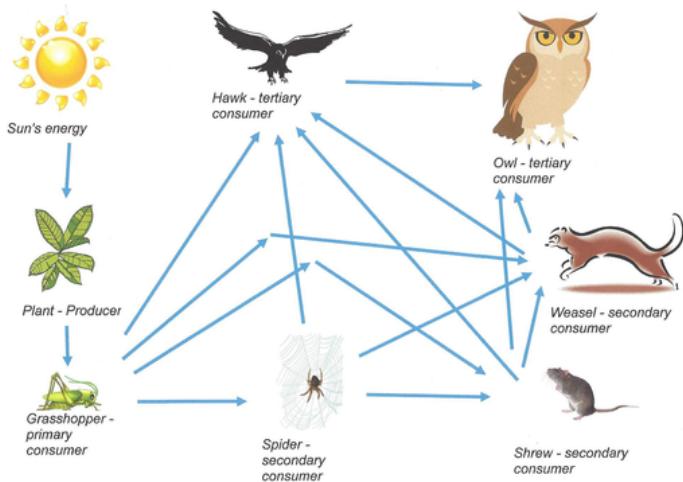
a) They point to the organism that is being eaten.

b) It shows how sunlight flows within an ecosystem.

c) They show what direction the energy is flowing between organisms.

d) They represent how water is transferred within a habitat.

15. Which organism do the owl and the weasel compete for in the food web?



a) Hawk

b) Spider

c) Grasshopper

d) Shrew

16. Despite having plenty of sun and rain, the tropical rainforest has very poor _____.

a) biodiversity

b) soil

c) animal life

d) air quality

17. Dropping leaves in the fall is a characteristic of what type of tree?

a) deciduous

b) evergreen

c) conifer

d) bonsai

18. Which biome is hot all year with wet and dry seasons?

- a) tropical rainforest b) chaparral
- c) temperate
grassland d) savanna

19. In which biome can you find permafrost?

- a) taiga b) tundra
- c) desert d) chaparral

20. Which biome do we live in?

- a) temperate
grassland b) tropical rainforest
- c) temperate
deciduous forest d) chaparral

21. Which biome receives between 0 to 25 centimeters of rain per year, has a temperature range of 0 to 50 degrees Celsius, has poor soil, and is home to lizards, scorpions, and snakes?

- a) desert b) mountain
- c) taiga d) tundra

22. This biome contains mostly spruce trees and Douglas firs, which are both evergreen. The winters are long and cold and the summers are short and rainy. The soil is very rich. Moose and elk live here. This biome is classified as a

- | | |
|--|--|
| <input type="checkbox"/> a) taiga | <input type="checkbox"/> b) tundra |
| <input type="checkbox"/> c) deciduous forest | <input type="checkbox"/> d) temperate forest |

23. The process in which green plants convert energy from the Sun into energy stored in carbon-containing molecules is called

- | | |
|---|--|
| <input type="checkbox"/> a) respiration | <input type="checkbox"/> b) combustion |
| <input type="checkbox"/> c) digestion | <input type="checkbox"/> d) photosynthesis |

24. Taiga is a biome consisting of evergreen trees (conifers). Where is taiga found?

- | | |
|---|--|
| <input type="checkbox"/> a) northern parts of Mexico | <input type="checkbox"/> b) midwestern states such as Kansas |
| <input type="checkbox"/> c) northeastern states such as Maine | <input type="checkbox"/> d) southwestern parts of Canada |

25. Which biome, because of its climate, has the largest number of species of plants and animals?

- | | |
|------------------------------------|------------------------------------|
| <input type="checkbox"/> a) tundra | <input type="checkbox"/> b) desert |
|------------------------------------|------------------------------------|

c) rain forest

d) pine forest

26. Areas defined by their geographical location and ecological similarity are called?

a) ecozones

b) biotopes

c) biomes

d) biodomes

27. Which biome is home to lions, zebras, wildebeests, giraffes, and elephants?



a) Grasslands

b) Tundra

c) Rainforest

d) Temperate Forest

28. What is a close interaction between two unlike species where at least one species benefits?



- a) Predation b) Symbiosis
- c) Adaptation d) Prey

29. The "Rainforests of the ocean". These areas are very rich in biodiversity.

- a) Photic Zone b) Abyss
- c) Intertidal Zone d) Coral Reef

30. Why doesn't photosynthesis occur in deep ocean water?

- a) There is no sunlight. b) There are not enough nutrients.
- c) The salinity level of the water is too high. d) The water temperature is too cold.

31. What is an estuary?



- a) A little body of water.
- b) water in a gaseous form.
- c) Places where fresh water and streams flow into the ocean.
- d) the presence of an unwanted material in a given place.

32. Which organism can be found in coral reefs?



- a) Clownfish
- b) Dragonfish

c) Whales

d) Dogs

33. What are the three categories of biotic factors?

a) Producer,
 Decomposer, and
 Consumer

b) Decomposer,
 Consumer, and
 Rocks

c) Consumer, Water,
 and Producer

d) Weather,
 Consumer, and
 Decomposer

34. You can tell if an organism is biotic if:

a) it does nothing

b) it grows,
 reproduces and will
 die

c) it stands still

d) it eats dead things

35. Temperature, light, air, water, and soil are all _____ parts of the environment

a) alive

b) biotic

c) abiotic

d) living

36. Which of the following choices only includes abiotic factors?

- a) Sunlight, algae,
and temperature
- b) Fish, crabs, oxygen
- c) Sunlight, soil, and
oxygen
- d) Algae,
temperature, and
dog