

Question 1

Huffaker's experiment involving oranges showed

- A) predators will always consume prey to extinction.
- B) prey will always outlast predators.
- C) with enough complexity, predator and prey populations will oscillate.
- D) both species use oranges for refuge.

Answer: <https://biology-forums.com/index.php?topic=870943>

Question 2

As the fertility of soil on the forest floor increases, the

- A) growth rate of plants increases.
- B) size of plants decreases.
- C) density of plants decreases.
- D) number of species of plants increases.

Answer: <https://biology-forums.com/index.php?topic=871186>

Question 3

How can minerals captured via immobilization be released back into the soil?

- A) via microbivores
- B) via fungal absorption of minerals
- C) via herbivores
- D) via plant reuptake

Answer: <https://biology-forums.com/index.php?topic=871429>

Question 4

The form and structure of terrestrial communities are defined more by the plants than the animals present. True or False?

Answer: <https://biology-forums.com/index.php?topic=871135>

Question 5

Wealthy nations typically have lower rates of human appropriation of net primary productivity (HANPP) than developing nations. True or False?

Answer: <https://biology-forums.com/index.php?topic=871400>

Question 6

Increasing the resources for one species results in the increase of predator numbers. This reduces the abundance of another prey species. This interaction is

- A) indirect commensalism.
- B) indirect mutualism.
- C) apparent competition.
- D) apparent predation.

Answer: <https://biology-forums.com/index.php?topic=871177>

Question 7

What type of wetlands would be found adjacent to the Missouri River?

- A) fringe wetlands
- B) mires
- C) bogs
- D) bottomlands

Answer: <https://biology-forums.com/index.php?topic=871730>

Question 8

The growth rate of plant cells and the efficiency of their physiological processes are highest when the cells are at minimum turgor. True or False?

Answer: <https://biology-forums.com/index.php?topic=870423>

Question 9

The concept of the niche was initially developed by

- A) Hutchinson.
- B) Brodie.
- C) Wetzel.
- D) Grinnell.

Answer: <https://biology-forums.com/index.php?topic=870825>

Question 10

Eluviation refers to the leaching of minerals and finer soil particles from the upper layers to the lower layers of soil.

True or False?

Answer: <https://biology-forums.com/index.php?topic=870258>

Question 11

Which of the following is functionally a true predator?

- A) parasite
- B) planktivore
- C) grazer
- D) parasitoid

Answer: <https://biology-forums.com/index.php?topic=870937>

Question 12

Soil is an abiotic environment.

True or False?

Answer: <https://biology-forums.com/index.php?topic=870250>

Question 13

If survival rates do not vary with age, as in many species of perennial plants, reptiles, adult birds, and rodents, survivorship curves are typically

- A) type I.
- B) type II.
- C) type III.
- D) type IV.

Answer: <https://biology-forums.com/index.php?topic=870619>

Question 14

Phosphorus is typically in short supply in aquatic and terrestrial ecosystems.

True or False?

Answer: <https://biology-forums.com/index.php?topic=871535>

Question 15

Why are carbon dioxide fluctuations more pronounced in the Northern Hemisphere?

- A) larger CO₂ emissions
- B) more terrestrial habitat
- C) more humans
- D) more solar energy absorbed

Answer: <https://biology-forums.com/index.php?topic=871496>

Question 16

An animal that feeds upon nectar is referred to as a(n) _____.

Answer: <https://biology-forums.com/index.php?topic=871010>

Question 17

Animals that feed on both plant and animal tissues are referred to as

- A) herbivores.
- B) carnivores.
- C) omnivores.
- D) detritivores.

Answer: <https://biology-forums.com/index.php?topic=870472>

Question 18

Early successional species are referred to as _____ species.

Answer: <https://biology-forums.com/index.php?topic=871209>

Question 19

The rate of decomposition is greatest in

- A) cold and moist environments.
- B) cold and dry environments.
- C) warm and moist environments.
- D) warm and dry environments.

Answer: <https://biology-forums.com/index.php?topic=871422>

Question 20

Movement in and out of a population occurs in a(n) _____ population.

Answer: <https://biology-forums.com/index.php?topic=870588>

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