

Biology 44

Ecology and the Biosphere

MCQ

Author: OpenStax College

Published 2015

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4. Chapter: Biology 44 Ecology and the Biosphere MCQ

1. Biology 44 Ecology and the Biosphere MCQ Questions

4.1.1. Which of the following is a biotic factor?

Author: OpenStax College

Which of the following is a biotic factor?

Please choose only one answer:

- wind
- disease-causing microbe
- temperature
- soil particle size

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4.1.2. The study of nutrient cycling though the environment is an example ...

Author: OpenStax College

The study of nutrient cycling though the environment is an example of which of the following?

Please choose only one answer:

- organismal ecology
- population ecology
- community ecology
- ecosystem ecology

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4.1.3. Understory plants in a temperate forest have adaptations to capture...

Author: OpenStax College

Understory plants in a temperate forest have adaptations to capture limited _____.

Please choose only one answer:

- water
- nutrients
- heat
- sunlight

Check the answer of this question online at QuizOver.com:

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4.1.4. An ecologist hiking up a mountain may notice different biomes along...

Author: OpenStax College

An ecologist hiking up a mountain may notice different biomes along the way due to changes in all of the following except:

Please choose only one answer:

- elevation
- rainfall
- latitude
- temperature

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

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4.1.5. Which of the following biomes is characterized by abundant water re...

Author: OpenStax College

Which of the following biomes is characterized by abundant water resources?

Please choose only one answer:

- deserts
- boreal forests
- savannas
- tropical wet forests

Check the answer of this question online at QuizOver.com:

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4.1.6. Which of the following biomes is characterized by short growing sea...

Author: OpenStax College

Which of the following biomes is characterized by short growing seasons?

Please choose only one answer:

- deserts
- tropical wet forests
- Arctic tundras
- savannas

Check the answer of this question online at QuizOver.com:

Question: [Which of the following biomes is characterized OpenStax College Biology](#)

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4.1.7. Where would you expect to find the most photosynthesis in an ocean ...

Author: OpenStax College

Where would you expect to find the most photosynthesis in an ocean biome?

Please choose only one answer:

- aphotic zone
- abyssal zone
- benthic realm
- intertidal zone

Check the answer of this question online at QuizOver.com:

Question: [Where would you expect to find the most OpenStax College Biology](#)

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4.1.8. A key feature of estuaries is:

Author: OpenStax College

A key feature of estuaries is:

Please choose only one answer:

- low light conditions and high productivity
- salt water and fresh water
- frequent algal blooms
- little or no vegetation

Check the answer of this question online at QuizOver.com:

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4.1.9. Which of the following is an example of a weather event?

Author: OpenStax College

Which of the following is an example of a weather event?

Please choose only one answer:

- The hurricane season lasts from June 1 through November 30.
- The amount of atmospheric CO₂ has steadily increased during the last century.
- A windstorm blew down trees in the Boundary Waters Canoe Area in Minnesota on July 4, 1999.
- Deserts are generally dry ecosystems having very little rainfall.

Check the answer of this question online at QuizOver.com:

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4.1.10. Which of the following natural forces is responsible for the releas...

Author: OpenStax College

Which of the following natural forces is responsible for the release of carbon dioxide and other atmospheric gases?

Please choose only one answer:

- the Milankovitch cycles
- volcanoes
- solar intensity
- burning of fossil fuels

Check the answer of this question online at [QuizOver.com](http://www.quizover.com):

Question: [Which of the following natural forces is OpenStax College Biology](#)

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