

# Natural Sciences

## Biology 46

## Ecosystems

## MCQ

Author: OpenStax College

Published 2015

# Create, Share, and Discover Online Quizzes.

QuizOver.com is an intuitive and powerful online quiz creator. [learn more](#)

Join QuizOver.com



## How to Analyze Stocks

By Yasser Ibrahim

1 month ago  
12 Responses

© iStock: Thomson Moter



## Pre Employment English

By Katharina jennifer N

5 months ago  
19 Responses

© iStock: Albin



## Lean Startup Quiz

By Yasser Ibrahim

2 months ago  
16 Responses

© iStock: Gekwiniel Olan

Powered by QuizOver.com

The Leading Online Quiz & Exam Creator

Create, Share and Discover Quizzes & Exams

<http://www.quizover.com>

## Disclaimer

All services and content of QuizOver.com are provided under QuizOver.com terms of use on an "as is" basis, without warranty of any kind, either expressed or implied, including, without limitation, warranties that the provided services and content are free of defects, merchantable, fit for a particular purpose or non-infringing.

The entire risk as to the quality and performance of the provided services and content is with you.

In no event shall QuizOver.com be liable for any damages whatsoever arising out of or in connection with the use or performance of the services.

Should any provided services and content prove defective in any respect, you (not the initial developer, author or any other contributor) assume the cost of any necessary servicing, repair or correction.

This disclaimer of warranty constitutes an essential part of these "terms of use".

No use of any services and content of QuizOver.com is authorized hereunder except under this disclaimer.

The detailed and up to date "terms of use" of QuizOver.com can be found under:

<http://www.QuizOver.com/public/termsOfUse.xhtml>



## eBook Content License

OpenStax College. Download for free at <http://cnx.org/content/col16468/latest/>

### Creative Commons License

Attribution-NonCommercial-NoDerivs 3.0 Unported (CC BY-NC-ND 3.0)

<http://creativecommons.org/licenses/by-nc-nd/3.0/>

You are free to:

Share: copy and redistribute the material in any medium or format

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

**Attribution:** You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

**NonCommercial:** You may not use the material for commercial purposes.

**NoDerivatives:** If you remix, transform, or build upon the material, you may not distribute the modified material.

**No additional restrictions:** You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

## 4. Chapter: Biology 46 Ecosystems MCQ

### 1. Biology 46 Ecosystems MCQ Questions

#### 4.1.1. The ability of an ecosystem to return to its equilibrium state afte...

Author: OpenStax College

The ability of an ecosystem to return to its equilibrium state after an environmental disturbance is called \_\_\_\_\_.

Please choose only one answer:

- resistance
- restoration
- reformation
- resilience

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

Question: [The ability of an ecosystem to return to OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-ability-of-an-ecosystem-to-return-to-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-ability-of-an-ecosystem-to-return-to-openstax-college-biology?pdf=3044>

4.1.2. A re-created ecosystem in a laboratory environment is known as a \_\_\_\_.

Author: OpenStax College

A re-created ecosystem in a laboratory environment is known as a \_\_\_\_\_.

Please choose only one answer:

- mesocosm
- simulation
- microcosm
- reproduction

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

Question: [A re-created ecosystem in a laboratory OpenStax College Biology 4](#)

Flashcards:

<http://www.quizover.com/flashcards/a-re-created-ecosystem-in-a-laboratory-openstax-college-biology-4?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/a-re-created-ecosystem-in-a-laboratory-openstax-college-biology-4?pdf=3044>

### 4.1.3. Decomposers are associated with which class of food web?

Author: OpenStax College

Decomposers are associated with which class of food web?

Please choose only one answer:

- grazing
- detrital
- inverted
- aquatic

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

Question: [Decomposers are associated with which OpenStax College Biology 46](#)

Flashcards:

<http://www.quizover.com/flashcards/decomposers-are-associated-with-which-openstax-college-biology-46?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/decomposers-are-associated-with-which-openstax-college-biology-46?pdf=3044>



4.1.4. The primary producers in an ocean grazing food web are usually \_\_\_\_\_...

Author: OpenStax College

The primary producers in an ocean grazing food web are usually \_\_\_\_\_.

Please choose only one answer:

- plants
- animals
- fungi
- phytoplankton

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

Question: [The primary producers in an ocean grazing OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-primary-producers-in-an-ocean-grazing-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-primary-producers-in-an-ocean-grazing-openstax-college-biology?pdf=3044>

#### 4.1.5. What term describes the use of mathematical equations in the modeli...

Author: OpenStax College

What term describes the use of mathematical equations in the modeling of linear aspects of ecosystems?

Please choose only one answer:

- analytical modeling
- simulation modeling
- conceptual modeling
- individual-based modeling

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

Question: [What term describes the use of mathematical OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/what-term-describes-the-use-of-mathematical-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/what-term-describes-the-use-of-mathematical-openstax-college-biology?pdf=3044>

4.1.6. The position of an organism along a food chain is known as its \_\_\_\_\_.

Author: OpenStax College

The position of an organism along a food chain is known as its \_\_\_\_\_.

Please choose only one answer:

- locus
- location
- trophic level
- microcosm

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

Question: [The position of an organism along a food OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-position-of-an-organism-along-a-food-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-position-of-an-organism-along-a-food-openstax-college-biology?pdf=3044>

#### 4.1.7. The weight of living organisms in an ecosystem at a particular poin...

Author: OpenStax College

The weight of living organisms in an ecosystem at a particular point in time is called:

Please choose only one answer:

- energy
- production
- entropy
- biomass

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

Question: [The weight of living organisms in an OpenStax College Biology 46](#)

Flashcards:

<http://www.quizover.com/flashcards/the-weight-of-living-organisms-in-an-openstax-college-biology-46?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-weight-of-living-organisms-in-an-openstax-college-biology-46?pdf=3044>

#### 4.1.8. Which term describes the process whereby toxic substances increase ...

Author: OpenStax College

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

Please choose only one answer:

- biomassification
- biomagnification
- bioentropy
- heterotrophy

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

Question: [Which term describes the process whereby OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-term-describes-the-process-whereby-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/which-term-describes-the-process-whereby-openstax-college-biology?pdf=3044>

#### 4.1.9. Organisms that can make their own food using inorganic molecules ar...

Author: OpenStax College

Organisms that can make their own food using inorganic molecules are called:

Please choose only one answer:

- autotrophs
- heterotrophs
- photoautotrophs
- chemoautotrophs

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

Question: [Organisms that can make their own food OpenStax College Biology 4](#)

Flashcards:

<http://www.quizover.com/flashcards/organisms-that-can-make-their-own-food-openstax-college-biology-4?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/organisms-that-can-make-their-own-food-openstax-college-biology-4?pdf=3044>



#### 4.1.10. In the English Channel ecosystem, the number of primary producers i...

Author: OpenStax College

In the English Channel ecosystem, the number of primary producers is smaller than the number of primary consumers because\_\_\_\_\_.

Please choose only one answer:

- the apex consumers have a low turnover rate
- the primary producers have a low turnover rate
- the primary producers have a high turnover rate
- the primary consumers have a high turnover rate

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

Question: [In the English Channel ecosystem the number OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/in-the-english-channel-ecosystem-the-number-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/in-the-english-channel-ecosystem-the-number-openstax-college-biology?pdf=3044>

#### 4.1.11. What law of chemistry determines how much energy can be transferred...

Author: OpenStax College

What law of chemistry determines how much energy can be transferred when it is converted from one form to another?

Please choose only one answer:

- the first law of thermodynamics
- the second law of thermodynamics
- the conservation of matter
- the conservation of energy

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

Question: [What law of chemistry determines how much OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/what-law-of-chemistry-determines-how-much-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/what-law-of-chemistry-determines-how-much-openstax-college-biology?pdf=3044>

#### 4.1.12. The movement of mineral nutrients through organisms and their envir...

Author: OpenStax College

The movement of mineral nutrients through organisms and their environment is called a \_\_\_\_\_ cycle.

Please choose only one answer:

- biological
- bioaccumulation
- biogeochemical
- biochemical

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

Question: [The movement of mineral nutrients through OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-movement-of-mineral-nutrients-through-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-movement-of-mineral-nutrients-through-openstax-college-biology?pdf=3044>

4.1.13. Carbon is present in the atmosphere as \_\_\_\_\_.

Author: OpenStax College

Carbon is present in the atmosphere as \_\_\_\_\_.

Please choose only one answer:

- carbon dioxide
- carbonate ion
- carbon dust
- carbon monoxide

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

Question: [Carbon is present in the atmosphere as . OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/carbon-is-present-in-the-atmosphere-as-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/carbon-is-present-in-the-atmosphere-as-openstax-college-biology?pdf=3044>

#### 4.1.14. The majority of water found on Earth is:

Author: OpenStax College

The majority of water found on Earth is:

Please choose only one answer:

- ice
- water vapor
- fresh water
- salt water

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

Question: [The majority of water found on Earth is: OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-majority-of-water-found-on-earth-is-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-majority-of-water-found-on-earth-is-openstax-college-biology?pdf=3044>

4.1.15. The average time a molecule spends in its reservoir is known as \_\_\_\_...

Author: OpenStax College

The average time a molecule spends in its reservoir is known as \_\_\_\_\_.

Please choose only one answer:

- residence time
- restriction time
- resilience time
- storage time

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

Question: [The average time a molecule spends in its OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-average-time-a-molecule-spends-in-its-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-average-time-a-molecule-spends-in-its-openstax-college-biology?pdf=3044>



#### 4.1.16. The process whereby oxygen is depleted by the growth of microorgani...

Author: OpenStax College

The process whereby oxygen is depleted by the growth of microorganisms due to excess nutrients in aquatic systems is called \_\_\_\_\_.

Please choose only one answer:

- dead zoning
- eutrophication
- retrofication
- depletion

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

Question: [The process whereby oxygen is depleted by OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-process-whereby-oxygen-is-depleted-by-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-process-whereby-oxygen-is-depleted-by-openstax-college-biology?pdf=3044>

4.1.17. The process whereby nitrogen is brought into organic molecules is c...

Author: OpenStax College

The process whereby nitrogen is brought into organic molecules is called \_\_\_\_\_.

Please choose only one answer:

- nitrification
- denitrification
- nitrogen fixation
- nitrogen cycling

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

Question: [The process whereby nitrogen is brought OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-process-whereby-nitrogen-is-brought-openstax-college-biology?pdf=3044>

Interactive Question:

<http://www.quizover.com/question/the-process-whereby-nitrogen-is-brought-openstax-college-biology?pdf=3044>