

Biology 31

Soil and

Plant Nutrition

MCQ

Author: OpenStax College

Published 2015

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4. Chapter: Biology 31 Soil and Plant Nutrition MCQ

1. Biology 31 Soil and Plant Nutrition MCQ Questions

4.1.1. For an element to be regarded as essential, all of the following cr...

Author: OpenStax College

For an element to be regarded as essential, all of the following criteria must be met, except:

Please choose only one answer:

- No other element can perform the function.
- The element is directly involved in plant nutrition.
- The element is inorganic.
- The plant cannot complete its lifecycle without the element.

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

Question: [For an element to be regarded as essential OpenStax College Biology](#)

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4.1.2. The nutrient that is part of carbohydrates, proteins, and nucleic a...

Author: OpenStax College

The nutrient that is part of carbohydrates, proteins, and nucleic acids, and that forms biomolecules, is _____.

Please choose only one answer:

- nitrogen
- carbon
- magnesium
- iron

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

Question: [The nutrient that is part of carbohydrates OpenStax College Biology](#)

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4.1.3. Most _____ are necessary for enzyme function.

Author: OpenStax College

Most _____ are necessary for enzyme function.

Please choose only one answer:

- micronutrients
- macronutrients
- biomolecules
- essential nutrients

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

Question: [Most are necessary for enzyme function. OpenStax College Biology](#)

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4.1.4. What is the main water source for land plants?

Author: OpenStax College

What is the main water source for land plants?

Please choose only one answer:

- rain
- soil
- biomolecules
- essential nutrients

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

Question: [What is the main water source for land OpenStax College Biology 3](#)

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4.1.5. Which factors affect soil quality?

Author: OpenStax College

Which factors affect soil quality?

Please choose only one answer:

- chemical composition
- history of the soil
- presence of living organisms and topography
- all of the above

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

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4.1.6. Soil particles that are 0.1 to 2 mm in diameter are called _____.

Author: OpenStax College

Soil particles that are 0.1 to 2 mm in diameter are called _____.

Please choose only one answer:

- sand
- silt
- clay
- loam

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

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4.1.7. A soil consists of layers called _____ that taken together are c...

Author: OpenStax College

A soil consists of layers called _____ that taken together are called a _____.

Please choose only one answer:

- soil profiles : horizon
- horizons : soil profile
- horizons : humus
- humus : soil profile

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

Question: [A soil consists of layers called that OpenStax College Biology 31](#)

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4.1.8. What is the term used to describe the solid rock that lies beneath ...

Author: OpenStax College

What is the term used to describe the solid rock that lies beneath the soil?

Please choose only one answer:

- sand
- bedrock
- clay
- loam

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

Question: [What is the term used to describe the OpenStax College Biology 31](#)

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4.1.9. Which process produces an inorganic compound that plants can easily...

Author: OpenStax College

Which process produces an inorganic compound that plants can easily use?

Please choose only one answer:

- photosynthesis
- nitrogen fixation
- mycorrhization
- Calvin cycle

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

Question: [Which process produces an inorganic compound OpenStax College Biology](#)

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4.1.10. Through mycorrhization, a plant obtains important nutrients such as...

Author: OpenStax College

Through mycorrhization, a plant obtains important nutrients such as _____.

Please choose only one answer:

- phosphorus, zinc, and copper
- phosphorus, zinc, and calcium
- nickel, calcium, and zinc
- all of the above

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

Question: [Through mycorrhization a plant obtains OpenStax College Biology 3](#)

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4.1.11. What term describes a plant that requires nutrition from a living h...

Author: OpenStax College

What term describes a plant that requires nutrition from a living host plant?

Please choose only one answer:

- parasite
- saprophyte
- epiphyte
- insectivorous

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

Question: [What term describes a plant that requires OpenStax College Biology](#)

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4.1.12. What is the term for the symbiotic association between fungi and cy...

Author: OpenStax College

What is the term for the symbiotic association between fungi and cyanobacteria?

Please choose only one answer:

- lichen
- mycorrhizae
- epiphyte
- nitrogen-fixing nodule

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

Question: [What is the term for the symbiotic OpenStax College Biology 31](#)

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