

Biology 25

Seedless

Plants MCQ

Author: OpenStax College

Published 2015

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4. Chapter: Biology 25 Seedless Plants MCQ

1. Biology 25 Seedless Plants MCQ Questions

4.1.1. The land plants are probably descendants of which of these groups?

Author: OpenStax College

The land plants are probably descendants of which of these groups?

Please choose only one answer:

- green algae
- red algae
- brown algae
- angiosperms

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

Question: [The land plants are probably descendants OpenStax College Biology](#)

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4.1.2. Alternation of generations means that plants produce:

Author: OpenStax College

Alternation of generations means that plants produce:

Please choose only one answer:

- only haploid multicellular organisms
- only diploid multicellular organisms
- only diploid multicellular organisms with single-celled haploid gametes
- both haploid and diploid multicellular organisms

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

Question: [Alternation of generations means that OpenStax College Biology 25](#)

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4.1.3. Which of the following traits of land plants allows them to grow in...

Author: OpenStax College

Which of the following traits of land plants allows them to grow in height?

Please choose only one answer:

- alternation of generations
- waxy cuticle
- tracheids
- sporopollenin

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

Question: [Which of the following traits of land OpenStax College Biology 25](#)

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4.1.4. What characteristic of Charales would enable them to survive a dry ...

Author: OpenStax College

What characteristic of Charales would enable them to survive a dry spell?

Please choose only one answer:

- sperm with flagella
- phragmoplasts
- sporopollenin
- chlorophyll a

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

Question: [What characteristic of Charales would OpenStax College Biology 25](#)

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4.1.5. Which one of these characteristics is present in land plants and no...

Author: OpenStax College

Which one of these characteristics is present in land plants and not in Charales?

Please choose only one answer:

- alternation of generations
- flagellated sperm
- phragmoplasts
- plasmodesmata

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

Question: [Which one of these characteristics is OpenStax College Biology 25](#)

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4.1.6. Which of the following structures is not found in bryophytes?

Author: OpenStax College

Which of the following structures is not found in bryophytes?

Please choose only one answer:

- a cellulose cell wall
- chloroplast
- sporangium
- root

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

Question: [Which of the following structures is not OpenStax College Biology](#)

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4.1.7. Stomata appear in which group of plants?

Author: OpenStax College

Stomata appear in which group of plants?

Please choose only one answer:

- Charales
- liverworts
- hornworts
- mosses

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

Question: [Stomata appear in which group of plants OpenStax College Biology](#)

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4.1.8. The chromosome complement in a moss protonema is:

Author: OpenStax College

The chromosome complement in a moss protonema is:

Please choose only one answer:

- 1n
- 2n
- 3n
- varies with the size of the protonema

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

Question: [The chromosome complement in a moss OpenStax College Biology 25 Quest](#)

Flashcards:

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4.1.9. Why do mosses grow well in the Arctic tundra?

Author: OpenStax College

Why do mosses grow well in the Arctic tundra?

Please choose only one answer:

- They grow better at cold temperatures.
- They do not require moisture.
- They do not have true roots and can grow on hard surfaces.
- There are no herbivores in the tundra.

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

Question: [Why do mosses grow well in the Arctic OpenStax College Biology 25](#)

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4.1.10. Microphylls are characteristic of which types of plants?

Author: OpenStax College

Microphylls are characteristic of which types of plants?

Please choose only one answer:

- mosses
- liverworts
- club mosses
- ferns

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

Question: [Microphylls are characteristic of which OpenStax College Biology](#)

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4.1.11. A plant in the understory of a forest displays a segmented stem and...

Author: OpenStax College

A plant in the understory of a forest displays a segmented stem and slender leaves arranged in a whorl. It is probably a _____.

Please choose only one answer:

- club moss
- whisk fern
- fern
- horsetail

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

Question: [A plant in the understory of a forest OpenStax College Biology 25](#)

Flashcards:

<http://www.quizover.com/flashcards/a-plant-in-the-understory-of-a-forest-openstax-college-biology-25?pdf=1505>

Interactive Question:

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4.1.12. The following structures are found on the underside of fern leaves ...

Author: OpenStax College

The following structures are found on the underside of fern leaves and contain sporangia:

Please choose only one answer:

- sori
- rhizomes
- megaphylls
- microphylls

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

Question: [The following structures are found on the OpenStax College Biology](#)

Flashcards:

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4.1.13. The dominant organism in fern is the _____.

Author: OpenStax College

The dominant organism in fern is the _____.

Please choose only one answer:

- sperm
- spore
- gamete
- sporophyte

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

Question: [The dominant organism in fern is the . OpenStax College Biology 2](#)

Flashcards:

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Interactive Question:

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4.1.14. What seedless plant is a renewable source of energy?

Author: OpenStax College

What seedless plant is a renewable source of energy?

Please choose only one answer:

- club moss
- horsetail
- sphagnum moss
- fern

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

Question: [What seedless plant is a renewable source OpenStax College Biology](#)

Flashcards:

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4.1.15. How do mosses contribute to returning nitrogen to the soil?

Author: OpenStax College

How do mosses contribute to returning nitrogen to the soil?

Please choose only one answer:

- Mosses fix nitrogen from the air.
- Mosses harbor cyanobacteria that fix nitrogen.
- Mosses die and return nitrogen to the soil.
- Mosses decompose rocks and release nitrogen.

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

Question: [How do mosses contribute to returning OpenStax College Biology 25](#)

Flashcards:

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