

# Natural Sciences

## Biology 26

### Seed Plants

#### MCQ

Author: OpenStax College

Published 2015

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## 4. Chapter: Biology 26 Seed Plants MCQ

### 1. Biology 26 Seed Plants MCQ Questions

4.1.1. Seed plants are \_\_\_\_\_.

Author: OpenStax College

Seed plants are \_\_\_\_\_.

Please choose only one answer:

- all homosporous.
- mostly homosporous with some heterosporous.
- mostly heterosporous with some homosporous.
- all heterosporous.

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

Question: [Seed plants are . OpenStax College Biology 26 MCQ Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/seed-plants-are-openstax-college-biology-26-mcq-quest?pdf=1505>

Interactive Question:

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#### 4.1.2. Besides the seed, what other major structure diminishes a plant's r...

Author: OpenStax College

Besides the seed, what other major structure diminishes a plant's reliance on water for reproduction?

Please choose only one answer:

- flower
- fruit
- pollen
- spore

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

Question: [Besides the seed what other major structure OpenStax College Biology](#)

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<http://www.quizover.com/flashcards/besides-the-seed-what-other-major-structure-openstax-college-biology?pdf=1505>

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#### 4.1.3. In which of the following geological periods would gymnosperms domi...

Author: OpenStax College

In which of the following geological periods would gymnosperms dominate the landscape?

Please choose only one answer:

- Carboniferous
- Permian
- Triassic
- Eocene (present)

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

Question: [In which of the following geological OpenStax College Biology 26](#)

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#### 4.1.4. Which of the following structures widens the geographic range of a ...

Author: OpenStax College

Which of the following structures widens the geographic range of a species and is an agent of dispersal?

Please choose only one answer:

- seed
- flower
- leaf
- root

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

Question: [Which of the following structures widens OpenStax College Biology](#)

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#### 4.1.5. Which of the following traits characterizes gymnosperms?

Author: OpenStax College

Which of the following traits characterizes gymnosperms?

Please choose only one answer:

- The plants carry exposed seeds on modified leaves.
- Reproductive structures are located in a flower.
- After fertilization, the ovary thickens and forms a fruit.
- The gametophyte is longest phase of the life cycle.

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

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#### 4.1.6. Megaspores will eventually produce which of the following?

Author: OpenStax College

Megaspores will eventually produce which of the following?

Please choose only one answer:

- pollen grain
- sporophytes
- male gametophytes
- female gametophytes

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

Question: [Megaspores will eventually produce OpenStax College Biology 2](#)

Flashcards:

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Interactive Question:

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#### 4.1.7. What is the ploidy of the following structures: gametophyte, seed, ...

Author: OpenStax College

What is the ploidy of the following structures: gametophyte, seed, spore, sporophyte?

Please choose only one answer:

- 1n, 1n, 2n, 2n
- 1n, 2n, 1n, 2n
- 2n, 1n, 2n, 1n
- 2n, 2n, 1n, 1n

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

Question: [What is the ploidy of the following OpenStax College Biology 26 Quest](#)

Flashcards:

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Interactive Question:

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4.1.8. In the northern forests of Siberia, a tall tree is most likely a:

Author: OpenStax College

In the northern forests of Siberia, a tall tree is most likely a:

Please choose only one answer:

- conifer
- cycad
- Gingko biloba
- gnetophyte

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

Question: [In the northern forests of Siberia a tall OpenStax College Biology](#)

Flashcards:

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#### 4.1.9. Which of the following structures in a flower is not directly invol...

Author: OpenStax College

Which of the following structures in a flower is not directly involved in reproduction?

Please choose only one answer:

- the style
- the stamen
- the sepal
- the anther

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

Question: [Which of the following structures in a OpenStax College Biology 2](#)

Flashcards:

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#### 4.1.10. Pollen grains develop in which structure?

Author: OpenStax College

Pollen grains develop in which structure?

Please choose only one answer:

- the anther
- the stigma
- the filament
- the carpel

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

Question: [Pollen grains develop in which structure OpenStax College Biology](http://www.quizover.com/question/pollen-grains-develop-in-which-structure-openstax-college-biology?pdf=1505)

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#### 4.1.11. In the course of double fertilization, one sperm cell fuses with th...

Author: OpenStax College

In the course of double fertilization, one sperm cell fuses with the egg and the second one fuses with \_\_\_\_\_.

Please choose only one answer:

- the synergids
- the polar nuclei of the center cell
- the egg as well
- the antipodal cells

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

Question: [In the course of double fertilization one OpenStax College Biology](#)

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#### 4.1.12. Corn develops from a seedling with a single cotyledon, displays par...

Author: OpenStax College

Corn develops from a seedling with a single cotyledon, displays parallel veins on its leaves, and produces monosulcate pollen. It is most likely:

Please choose only one answer:

- a gymnosperm
- a monocot
- a eudicot
- a basal angiosperm

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

Question: [Corn develops from a seedling with a single OpenStax College Biology](#)

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#### 4.1.13. Which of the following plant structures is not a defense against he...

Author: OpenStax College

Which of the following plant structures is not a defense against herbivory?

Please choose only one answer:

- thorns
- spines
- nectar
- alkaloids

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

Question: [Which of the following plant structures OpenStax College Biology](#)

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#### 4.1.14. White and sweet-smelling flowers with abundant nectar are probably ...

Author: OpenStax College

White and sweet-smelling flowers with abundant nectar are probably pollinated by

Please choose only one answer:

- bees and butterflies
- flies
- birds
- wind

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

Question: [White and sweet-smelling flowers with OpenStax College Biology 26](#)

Flashcards:

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#### 4.1.15. Abundant and powdery pollen produced by small, indistinct flowers i...

Author: OpenStax College

Abundant and powdery pollen produced by small, indistinct flowers is probably transported by:

Please choose only one answer:

- bees and butterflies
- flies
- birds
- wind

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

Question: [Abundant and powdery pollen produced by OpenStax College Biology](#)

Flashcards:

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4.1.16. Plants are a source of \_\_\_\_\_.

Author: OpenStax College

Plants are a source of \_\_\_\_\_.

Please choose only one answer:

- food
- fuel
- medicine
- all of the above

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

Question: [Plants are a source of . OpenStax College Biology 26 Seed MCQ Quest](#)

Flashcards:

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