

Biology 32

Plant

Reproduction

MCQ

Author: OpenStax College

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4. Chapter: Biology 32 Plant Reproduction MCQ

1. Biology 32 Plant Reproduction MCQ Questions

4.1.1. In a plant's male reproductive organs, development of pollen takes ...

Author: OpenStax College

In a plant's male reproductive organs, development of pollen takes place in a structure known as the _____.

Please choose only one answer:

- stamen
- microsporangium
- anther
- tapetum

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

Question: [In a plant's male reproductive organs OpenStax College Biology 32](#)

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4.1.2. The stamen consists of a long stalk called the filament that suppor...

Author: OpenStax College

The stamen consists of a long stalk called the filament that supports the _____.

Please choose only one answer:

- stigma
- sepal
- style
- anther

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

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4.1.3. The _____ are collectively called the calyx.

Author: OpenStax College

The _____ are collectively called the calyx.

Please choose only one answer:

- sepals
- petals
- tepals
- stamens

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4.1.4. The pollen lands on which part of the flower?

Author: OpenStax College

The pollen lands on which part of the flower?

Please choose only one answer:

- stigma
- style
- ovule
- integument

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4.1.5. After double fertilization, a zygote and _____ form.

Author: OpenStax College

After double fertilization, a zygote and _____ form.

Please choose only one answer:

- an ovule
- endosperm
- a cotyledon
- a suspensor

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

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4.1.6. The fertilized ovule gives rise to the _____.

Author: OpenStax College

The fertilized ovule gives rise to the _____.

Please choose only one answer:

- fruit
- seed
- endosperm
- embryo

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4.1.7. What is the term for a fruit that develops from tissues other than ...

Author: OpenStax College

What is the term for a fruit that develops from tissues other than the ovary?

Please choose only one answer:

- simple fruit
- aggregate fruit
- multiple fruit
- accessory fruit

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Question: [What is the term for a fruit that develops OpenStax College Biology](#)

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4.1.8. The _____ is the outermost covering of a fruit.

Author: OpenStax College

The _____ is the outermost covering of a fruit.

Please choose only one answer:

- endocarp
- pericarp
- exocarp
- mesocarp

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

Question: [The is the outermost covering of a fruit OpenStax College Biology](#)

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4.1.9. _____ is a useful method of asexual reproduction for propagating...

Author: OpenStax College

_____ is a useful method of asexual reproduction for propagating hard-to-root plants.

Please choose only one answer:

- grafting
- layering
- cuttings
- budding

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

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4.1.10. Which of the following is an advantage of asexual reproduction?

Author: OpenStax College

Which of the following is an advantage of asexual reproduction?

Please choose only one answer:

- Cuttings taken from an adult plant show increased resistance to diseases.
- Grafted plants can more successfully endure drought.
- When cuttings or buds are taken from an adult plant or plant parts, the resulting plant will grow into an adult faster than a seedling.
- Asexual reproduction takes advantage of a more diverse gene pool.

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4.1.11. Plants that flower once in their lifetime are known as _____.

Author: OpenStax College

Plants that flower once in their lifetime are known as _____.

Please choose only one answer:

- monoecious
- dioecious
- polycarpic
- monocarpic

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

Question: [Plants that flower once in their lifetime OpenStax College Biology](#)

Flashcards:

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4.1.12. Plant species that complete their lifecycle in one season are known...

Author: OpenStax College

Plant species that complete their lifecycle in one season are known as _____.

Please choose only one answer:

- biennials
- perennials
- annuals
- polycarpic

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

Question: [Plant species that complete their lifecycle OpenStax College Biology](#)

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