

Biology 11

Meiosis &

Sexual

Reproduction

MCQ

Author: OpenStax College

Published 2015

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4. Chapter: Biology 11 Meiosis & Sexual Reproduction MCQ

1. Biology 11 Meiosis & Sexual Reproduction MCQ Questions

4.1.1. Meiosis produces _____ daughter cells.

Author: OpenStax College

Meiosis produces _____ daughter cells.

Please choose only one answer:

- two haploid
- two diploid
- four haploid
- four diploid

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

Question: [Meiosis produces daughter cells. OpenStax College Biology 11 Sexual](#)

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4.1.2. What structure is most important in forming the tetrads?

Author: OpenStax College

What structure is most important in forming the tetrads?

Please choose only one answer:

- centromere
- synaptonemal complex
- chiasma
- kinetochore

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

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4.1.3. At which stage of meiosis are sister chromatids separated from each...

Author: OpenStax College

At which stage of meiosis are sister chromatids separated from each other?

Please choose only one answer:

- prophase I
- prophase II
- anaphase I
- anaphase II

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

Question: [At which stage of meiosis are sister OpenStax College Biology 11](#)

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4.1.4. At metaphase I, homologous chromosomes are connected only at what s...

Author: OpenStax College

At metaphase I, homologous chromosomes are connected only at what structures?

Please choose only one answer:

- chiasmata
- recombination nodules
- microtubules
- kinetochores

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

Question: [At metaphase I homologous chromosomes are OpenStax College Biology](#)

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4.1.5. Which of the following is not true in regard to crossover?

Author: OpenStax College

Which of the following is not true in regard to crossover?

Please choose only one answer:

- Spindle microtubules guide the transfer of DNA across the synaptonemal complex.
- Non-sister chromatids exchange genetic material.
- Chiasmata are formed.
- Recombination nodules mark the crossover point.

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4.1.6. What phase of mitotic interphase is missing from meiotic interkinesis?

Author: OpenStax College

What phase of mitotic interphase is missing from meiotic interkinesis?

Please choose only one answer:

- G0 phase
- G1 phase
- S phase
- G2 phase

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

Question: [What phase of mitotic interphase is missing OpenStax College Biology](#)

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4.1.7. The part of meiosis that is similar to mitosis is _____.

Author: OpenStax College

The part of meiosis that is similar to mitosis is _____.

Please choose only one answer:

- meiosis I
- anaphase I
- meiosis II
- interkinesis

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

Question: [The part of meiosis that is similar to OpenStax College Biology 1](#)

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4.1.8. If a muscle cell of a typical organism has 32 chromosomes, how many...

Author: OpenStax College

If a muscle cell of a typical organism has 32 chromosomes, how many chromosomes will be in a gamete of that same organism?

Please choose only one answer:

- 8
- 16
- 32
- 64

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

Question: [If a muscle cell of a typical organism OpenStax College Biology 1](http://www.quizover.com/question/if-a-muscle-cell-of-a-typical-organism-openstax-college-biology-1)

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4.1.9. What is a likely evolutionary advantage of sexual reproduction over...

Author: OpenStax College

What is a likely evolutionary advantage of sexual reproduction over asexual reproduction?

Please choose only one answer:

- Sexual reproduction involves fewer steps.
- There is a lower chance of using up the resources in a given environment.
- Sexual reproduction results in variation in the offspring.
- Sexual reproduction is more costeffective.

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

Question: [What is a likely evolutionary advantage OpenStax College Biology](#)

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4.1.10. Which type of life cycle has both a haploid and diploid multicellul...

Author: OpenStax College

Which type of life cycle has both a haploid and diploid multicellular stage?

Please choose only one answer:

- asexual
- diploid-dominant
- haploid-dominant
- alternation of generations

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

Question: [Which type of life cycle has both a haploid OpenStax College Biology](#)

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4.1.11. Fungi typically display which type of life cycle?

Author: OpenStax College

Fungi typically display which type of life cycle?

Please choose only one answer:

- diploid-dominant
- haploid-dominant
- alternation of generations
- asexual

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

Question: [Fungi typically display which type of life OpenStax College Biology](#)

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4.1.12. A diploid, multicellular life-cycle stage that gives rise to haploi...

Author: OpenStax College

A diploid, multicellular life-cycle stage that gives rise to haploid cells by meiosis is called a _____.

Please choose only one answer:

- sporophyte
- gametophyte
- spore
- gamete

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

Question: [A diploid multicellular life-cycle stage OpenStax College Biology](#)

Flashcards:

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