

# Biology 01

# The Study

# of Life MCQ

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## 4. Chapter: Biology 01 The Study of Life MCQ

### 1. Biology 01 The Study of Life MCQ Questions

4.1.1. The first forms of life on Earth were \_\_\_\_\_.

Author: OpenStax College

The first forms of life on Earth were \_\_\_\_\_.

Please choose only one answer:

- plants
- microorganisms
- birds
- dinosaurs

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

Question: [The first forms of life on Earth were . OpenStax College Biology](#)

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4.1.2. A suggested and testable explanation for an event is called a \_\_\_\_\_...

Author: OpenStax College

A suggested and testable explanation for an event is called a \_\_\_\_\_.

Please choose only one answer:

- hypothesis
- variable
- theory
- control

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

Question: [A suggested and testable explanation for OpenStax College Biology](#)

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#### 4.1.3. Which of the following sciences is not considered a natural science?

Author: OpenStax College

Which of the following sciences is not considered a natural science?

Please choose only one answer:

- biology
- astronomy
- physics
- computer science

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

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#### 4.1.4. The type of logical thinking that uses related observations to arri...

Author: OpenStax College

The type of logical thinking that uses related observations to arrive at a general conclusion is called \_\_\_\_\_.

Please choose only one answer:

- deductive reasoning
- the scientific method
- hypothesis-based science
- inductive reasoning

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

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4.1.5. The process of \_\_\_\_\_ helps to ensure that a scientist's research...

Author: OpenStax College

The process of \_\_\_\_\_ helps to ensure that a scientist's research is original, significant, logical, and thorough.

Please choose only one answer:

- publication
- public speaking
- peer review
- the scientific method

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

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#### 4.1.6. A person notices that her houseplants that are regularly exposed to...

Author: OpenStax College

A person notices that her houseplants that are regularly exposed to music seem to grow more quickly than those in rooms with no music. As a result, she determines that plants grow better when exposed to music. This example most closely resembles which type of reasoning?

Please choose only one answer:

- inductive reasoning
- deductive reasoning
- neither, because no hypothesis was made
- both inductive and deductive reasoning

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

Question: [A person notices that her houseplants that OpenStax College Biology](#)

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#### 4.1.7. The smallest unit of biological structure that meets the functional...

Author: OpenStax College

The smallest unit of biological structure that meets the functional requirements of "living" is the \_\_\_\_\_.

Please choose only one answer:

- organ
- organelle
- cell
- macromolecule

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

Question: [The smallest unit of biological structure OpenStax College Biology](#)

Flashcards:

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4.1.8. Viruses are not considered living because they \_\_\_\_\_.

Author: OpenStax College

Viruses are not considered living because they \_\_\_\_\_.

Please choose only one answer:

- are not made of cells
- lack cell nuclei
- do not contain DNA or RNA
- cannot reproduce

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

Question: [Viruses are not considered living because OpenStax College Biology](#)

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#### 4.1.9. The presence of a membrane-enclosed nucleus is a characteristic of ...

Author: OpenStax College

The presence of a membrane-enclosed nucleus is a characteristic of \_\_\_\_\_.

Please choose only one answer:

- prokaryotic cells
- eukaryotic cells
- living organisms
- bacteria

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

Question: [The presence of a membrane-enclosed nucleus OpenStax College Biology](#)

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#### 4.1.10. A group of individuals of the same species living in the same area ...

Author: OpenStax College

A group of individuals of the same species living in the same area is called a(n) \_\_\_\_\_.

Please choose only one answer:

- family
- community
- population
- ecosystem

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

Question: [A group of individuals of the same species OpenStax College Biology](#)

Flashcards:

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#### 4.1.11. Which of the following sequences represents the hierarchy of biolog...

Author: OpenStax College

Which of the following sequences represents the hierarchy of biological organization from the most inclusive to the least complex level?

Please choose only one answer:

- organelle, tissue, biosphere, ecosystem, population
- organism, organ, tissue, organelle, molecule
- organism, community, biosphere, molecule, tissue, organ
- biosphere, ecosystem, community, population, organism

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

Question: [Which of the following sequences represents OpenStax College Biology](#)

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#### 4.1.12. Where in a phylogenetic tree would you expect to find the organism ...

Author: OpenStax College

Where in a phylogenetic tree would you expect to find the organism that had evolved most recently?

Please choose only one answer:

- at the base
- within the branches
- at the nodes
- at the branch tips

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

Question: [Where in a phylogenetic tree would you OpenStax College Biology 0](#)

Flashcards:

<http://www.quizover.com/flashcards/where-in-a-phylogenetic-tree-would-you-openstax-college-biology-0?pdf=1505>

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