

Natural Biology

04 Cell Structure

MCQ

Author: OpenStax College

Published 2015

Create, Share, and Discover Online Quizzes.

QuizOver.com is an intuitive and powerful online quiz creator. [learn more](#)

Join QuizOver.com



How to Analyze Stocks

By Yasser Ibrahim

1 month ago
12 Responses

© iStock: Thomson Moter



Pre Employment English

By Katharina jennifer N

5 months ago
19 Responses

© iStock: Albin



Lean Startup Quiz

By Yasser Ibrahim

2 months ago
16 Responses

© iStock: Gekwiniw Olan

Powered by QuizOver.com

The Leading Online Quiz & Exam Creator

Create, Share and Discover Quizzes & Exams

<http://www.quizover.com>

Disclaimer

All services and content of QuizOver.com are provided under QuizOver.com terms of use on an "as is" basis, without warranty of any kind, either expressed or implied, including, without limitation, warranties that the provided services and content are free of defects, merchantable, fit for a particular purpose or non-infringing.

The entire risk as to the quality and performance of the provided services and content is with you.

In no event shall QuizOver.com be liable for any damages whatsoever arising out of or in connection with the use or performance of the services.

Should any provided services and content prove defective in any respect, you (not the initial developer, author or any other contributor) assume the cost of any necessary servicing, repair or correction.

This disclaimer of warranty constitutes an essential part of these "terms of use".

No use of any services and content of QuizOver.com is authorized hereunder except under this disclaimer.

The detailed and up to date "terms of use" of QuizOver.com can be found under:

<http://www.QuizOver.com/public/termsOfUse.xhtml>

eBook Content License

OpenStax College. Download for free at <http://cnx.org/content/col11448/latest/>

Creative Commons License

Attribution-NonCommercial-NoDerivs 3.0 Unported (CC BY-NC-ND 3.0)

<http://creativecommons.org/licenses/by-nc-nd/3.0/>

You are free to:

Share: copy and redistribute the material in any medium or format

The licensor cannot revoke these freedoms as long as you follow the license terms.

Under the following terms:

Attribution: You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

NonCommercial: You may not use the material for commercial purposes.

NoDerivatives: If you remix, transform, or build upon the material, you may not distribute the modified material.

No additional restrictions: You may not apply legal terms or technological measures that legally restrict others from doing anything the license permits.

4. Chapter: Biology 04 Cell Structure MCQ

1. Biology 04 Cell Structure MCQ Questions

4.1.1. When viewing a specimen through a light microscope, scientists use ...

Author: OpenStax College

When viewing a specimen through a light microscope, scientists use _____ to distinguish the individual components of cells.

Please choose only one answer:

- a beam of electrons
- radioactive isotopes
- special stains
- high temperatures

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

Question: [When viewing a specimen through a light OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/when-viewing-a-specimen-through-a-light-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/when-viewing-a-specimen-through-a-light-openstax-college-biology?pdf=1505>

4.1.2. The _____ is the basic unit of life.

Author: OpenStax College

The _____ is the basic unit of life.

Please choose only one answer:

- organism
- cell
- tissue
- organ

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

Question: [The is the basic unit of life. OpenStax College Biology 04 Cell Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/the-is-the-basic-unit-of-life-openstax-college-biology-04-cell-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-is-the-basic-unit-of-life-openstax-college-biology-04-cell-quest?pdf=1505>

4.1.3. Prokaryotes depend on _____ to obtain some materials and to get ...

Author: OpenStax College

Prokaryotes depend on _____ to obtain some materials and to get rid of wastes.

Please choose only one answer:

- ribosomes
- flagella
- cell division
- diffusion

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

Question: [Prokaryotes depend on to obtain some OpenStax College Biology 04](#)

Flashcards:

<http://www.quizover.com/flashcards/prokaryotes-depend-on-to-obtain-some-openstax-college-biology-04?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/prokaryotes-depend-on-to-obtain-some-openstax-college-biology-04?pdf=1505>

4.1.4. Bacteria that lack fimbriae are less likely to _____.

Author: OpenStax College

Bacteria that lack fimbriae are less likely to _____.

Please choose only one answer:

- adhere to cell surfaces
- swim through bodily fluids
- synthesize proteins
- retain the ability to divide

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

Question: [Bacteria that lack fimbriae are less likely OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/bacteria-that-lack-fimbriae-are-less-likely-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/bacteria-that-lack-fimbriae-are-less-likely-openstax-college-biology?pdf=1505>

4.1.5. Which of the following is surrounded by two phospholipid bilayers?

Author: OpenStax College

Which of the following is surrounded by two phospholipid bilayers?

Please choose only one answer:

- the ribosomes
- the vesicles
- the cytoplasm
- the nucleoplasm

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

Question: [Which of the following is surrounded by OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-is-surrounded-by-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-is-surrounded-by-openstax-college-biology?pdf=1505>

4.1.6. Peroxisomes got their name because hydrogen peroxide is:

Author: OpenStax College

Peroxisomes got their name because hydrogen peroxide is:

Please choose only one answer:

- used in their detoxification reactions
- produced during their oxidation reactions
- incorporated into their membranes
- a cofactor for the organelles' enzymes

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

Question: [Peroxisomes got their name because hydrogen OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/peroxisomes-got-their-name-because-hydrogen-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/peroxisomes-got-their-name-because-hydrogen-openstax-college-biology?pdf=1505>

4.1.7. In plant cells, the function of the lysosomes is carried out by ____...

Author: OpenStax College

In plant cells, the function of the lysosomes is carried out by _____.

Please choose only one answer:

- vacuoles
- peroxisomes
- ribosomes
- nuclei

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

Question: [In plant cells the function of the lysosomes OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/in-plant-cells-the-function-of-the-lysosomes-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/in-plant-cells-the-function-of-the-lysosomes-openstax-college-biology?pdf=1505>

4.1.8. Which of the following is found both in eukaryotic and prokaryotic ...

Author: OpenStax College

Which of the following is found both in eukaryotic and prokaryotic cells?

Please choose only one answer:

- nucleus
- mitochondrion
- vacuole
- ribosomes

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

Question: [Which of the following is found both in OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-is-found-both-in-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-is-found-both-in-openstax-college-biology?pdf=1505>

4.1.9. Which of the following is not a component of the endomembrane system?

Author: OpenStax College

Which of the following is not a component of the endomembrane system?

Please choose only one answer:

- mitochondrion
- Golgi apparatus
- endoplasmic reticulum
- lysosome

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

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

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-is-not-a-component-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-is-not-a-component-openstax-college-biology?pdf=1505>

4.1.10. The process by which a cell engulfs a foreign particle is known as:

Author: OpenStax College

The process by which a cell engulfs a foreign particle is known as:

Please choose only one answer:

- endosymbiosis
- phagocytosis
- hydrolysis
- membrane synthesis

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

Question: [The process by which a cell engulfs a OpenStax College Biology 04](#)

Flashcards:

<http://www.quizover.com/flashcards/the-process-by-which-a-cell-engulfs-a-openstax-college-biology-04?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-process-by-which-a-cell-engulfs-a-openstax-college-biology-04?pdf=1505>

4.1.11. Which of the following is most likely to have the greatest concentr...

Author: OpenStax College

Which of the following is most likely to have the greatest concentration of smooth endoplasmic reticulum?

Please choose only one answer:

- a cell that secretes enzymes
- a cell that destroys pathogens
- a cell that makes steroid hormones
- a cell that engages in photosynthesis

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

Question: [Which of the following is most likely to OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-is-most-likely-to-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-is-most-likely-to-openstax-college-biology?pdf=1505>

4.1.12. Which of the following sequences correctly lists in order the steps...

Author: OpenStax College

Which of the following sequences correctly lists in order the steps involved in the incorporation of a proteinaceous molecule within a cell?

Please choose only one answer:

- synthesis of the protein on the ribosome; modification in the Golgi apparatus; packaging in the endoplasmic reticulum; tagging in the vesicle
- synthesis of the protein on the lysosome; tagging in the Golgi; packaging in the vesicle; distribution in the endoplasmic reticulum
- synthesis of the protein on the ribosome; modification in the endoplasmic reticulum; tagging in the Golgi; distribution via the vesicle
- synthesis of the protein on the lysosome; packaging in the vesicle; distribution via the Golgi; tagging in the endoplasmic reticulum

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

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

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-sequences-correctly-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-sequences-correctly-openstax-college-biology?pdf=1505>

4.1.13. Which of the following have the ability to disassemble and reform q...

Author: OpenStax College

Which of the following have the ability to disassemble and reform quickly?

Please choose only one answer:

- microfilaments and intermediate filaments
- microfilaments and microtubules
- intermediate filaments and microtubules
- only intermediate filaments

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

Question: [Which of the following have the ability OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-have-the-ability-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-have-the-ability-openstax-college-biology?pdf=1505>

4.1.14. Which of the following do not play a role in intracellular movement?

Author: OpenStax College

Which of the following do not play a role in intracellular movement?

Please choose only one answer:

- microfilaments and intermediate filaments
- microfilaments and microtubules
- intermediate filaments and microtubules
- only intermediate filaments

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

Question: [Which of the following do not play a role OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-do-not-play-a-role-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-do-not-play-a-role-openstax-college-biology?pdf=1505>

4.1.15. Which of the following are found only in plant cells?

Author: OpenStax College

Which of the following are found only in plant cells?

Please choose only one answer:

- gap junctions
- desmosomes
- plasmodesmata
- tight junctions

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

Question: [Which of the following are found only in OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/which-of-the-following-are-found-only-in-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-of-the-following-are-found-only-in-openstax-college-biology?pdf=1505>

4.1.16. The key components of desmosomes are cadherins and _____.

Author: OpenStax College

The key components of desmosomes are cadherins and _____.

Please choose only one answer:

- actin
- microfilaments
- intermediate filaments
- microtubules

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

Question: [The key components of desmosomes are OpenStax College Biology 04](#)

Flashcards:

<http://www.quizover.com/flashcards/the-key-components-of-desmosomes-are-openstax-college-biology-04?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-key-components-of-desmosomes-are-openstax-college-biology-04?pdf=1505>