

Natural Sciences

Biology 2

Biology #2

Author: Sarah Warren

Copyright (c) 2014-2015

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: Gekwotwe Ochiu

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

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 2

1. Biology 2 Questions

4.1.1. the enzyme that unwinds DNA is

Author: Sarah Warren

the enzyme that unwinds DNA is

Please choose only one answer:

- Ligase
- DNA polymerase
- Primase
- ATP synthase
- Helicase

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

Question: [the enzyme that unwinds DNA is Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-enzyme-that-unwinds-dna-is-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-enzyme-that-unwinds-dna-is-sarah-warren-bio-2-quest?pdf=1505>

4.1.2. Which of the following are not matched up correctly

Author: Sarah Warren

Which of the following are not matched up correctly

Please choose only one answer:

- Aerobic respiration- oxygen acts as the terminal electron acceptor in the ETC
- Mitochondria- where all ATP is made
- Glycolysis- has energy input and output steps
- All of the Above
- None of the above

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

Question: [Which of the following are not matched up Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-are-not-matched-up-sarah-warren-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-are-not-matched-up-sarah-warren-bio-2?pdf=1505>

4.1.3. The law of thermodynamics indicate that

Author: Sarah Warren

The law of thermodynamics indicate that

Please choose only one answer:

- Energy can neither be created or destroyed
- Entropy is always increasing
- energy is destroyed when heat is released
- A and B
- B and C

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

Question: [The law of thermodynamics indicate that Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-law-of-thermodynamics-indicate-that-sarah-warren-bio-2-qu?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-law-of-thermodynamics-indicate-that-sarah-warren-bio-2-qu?pdf=1505>

4.1.4. what is the base unit of DNA?

Author: Sarah Warren

what is the base unit of DNA?

Please choose only one answer:

- nitrogenous bases
- phosphate
- hydrogen
- nucleotide
- amino acid

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

Question: [what is the base unit of DNA Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-what-is-the-base-unit-of-dna-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-what-is-the-base-unit-of-dna-sarah-warren-bio-2-quest?pdf=1505>

4.1.5. The first sign of cytokinesis in a plant is the formation of a

Author: Sarah Warren

The first sign of cytokinesis in a plant is the formation of a

Please choose only one answer:

- nucleus
- spindle fibers
- cell plate
- nuclear envelope
- cleavage furrow

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

Question: [The first sign of cytokinesis in a plant is the Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-first-sign-of-cytokinesis-in-a-plant-is-the-sarah-warren?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-first-sign-of-cytokinesis-in-a-plant-is-the-sarah-warren?pdf=1505>

4.1.6. A cell with 2 full set of chromosomes would termed as a (blank) cell

Author: Sarah Warren

A cell with 2 full set of chromosomes would termed as a (blank) cell

Please choose only one answer:

- sister
- germ
- diploid
- haploid
- somatic

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

Question: [A cell with 2 full set of chromosomes would Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-a-cell-with-2-full-set-of-chromosomes-would-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-a-cell-with-2-full-set-of-chromosomes-would-sarah-warren-bio?pdf=1505>

4.1.7. Meiosis is a process used for

Author: Sarah Warren

Meiosis is a process used for

Please choose only one answer:

- Production of stem cells
- asexual reproduction
- repair of damaged cells
- growth of an organism
- production of gametes

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

Question: [Meiosis is a process used for Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-meiosis-is-a-process-used-for-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-meiosis-is-a-process-used-for-sarah-warren-bio-2-quest?pdf=1505>

4.1.8. eukaryotic DNA is compacted to fit in the nucleus nu a process call...

Author: Sarah Warren

eukaryotic DNA is compacted to fit in the nucleus nu a process called supercoiling

Please choose only one answer:

- true
- false

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

Question: [eukaryotic DNA is compacted to fit in the nucleus Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-eukaryotic-dna-is-compacted-to-fit-in-the-nucleus-sarah-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-eukaryotic-dna-is-compacted-to-fit-in-the-nucleus-sarah-bio-2?pdf=1505>

4.1.9. the energy sources needed for the light reactions and the carbon re...

Author: Sarah Warren

the energy sources needed for the light reactions and the carbon reactions respectively are

Please choose only one answer:

- ATP and sunlight
- sunlight and ATP
- Sunlight and carbon dioxide
- sunlight serves as the energy source for both sets of of photosynthetic reactions
- ATP and carbon dioxide

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

Question: [the energy sources needed for the light reactions Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-energy-sources-needed-for-the-light-reactions-sarah-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-energy-sources-needed-for-the-light-reactions-sarah-bio-2?pdf=1505>

4.1.10. The region of an enzyme that catalyzes reactions is called

Author: Sarah Warren

The region of an enzyme that catalyzes reactions is called

Please choose only one answer:

- an analog
- a binding pocket
- an active site
- a catalyst site

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

Question: [The region of an enzyme that catalyzes reactions Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-region-of-an-enzyme-that-catalyzes-reactions-sarah-warren?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-region-of-an-enzyme-that-catalyzes-reactions-sarah-warren?pdf=1505>

4.1.11. what two main products result from photosynthesis?

Author: Sarah Warren

what two main products result from photosynthesis?

Please choose only one answer:

- carbohydrate and oxygen
- chlorophyll and oxygen
- carbohydrate and carbon dioxide
- oxygen and carbon dioxide

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

Question: [what two main products result from photosynthesis Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-what-two-main-products-result-from-photosynthesis-sarah-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-what-two-main-products-result-from-photosynthesis-sarah-bio-2?pdf=1505>

4.1.12. pyruvate comes out of the Krebs cycle, is converted in to Acetyl Co...

Author: Sarah Warren

pyruvate comes out of the Krebs cycle, is converted in to Acetyl CoA and enters the ETC

Please choose only one answer:

- true
- false

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

Question: [pyruvate comes out of the Krebs cycle is converted Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-pyruvate-comes-out-of-the-krebs-cycle-is-converted-sarah-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-pyruvate-comes-out-of-the-krebs-cycle-is-converted-sarah-bio?pdf=1505>

4.1.13. DNA replication is

Author: Sarah Warren

DNA replication is

Please choose only one answer:

- Semi-conservative
- conservative
- a one step process
- not carried out by enzymes
- not carried out in prokaryotic cells

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

Question: [DNA replication is Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-dna-replication-is-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-dna-replication-is-sarah-warren-bio-2-quest?pdf=1505>

4.1.14. in meiosis, chromosomes containing sister chromatids (not homologou...

Author: Sarah Warren

in meiosis, chromosomes containing sister chromatids (not homologous chromosomes) align along the center of the cell during

Please choose only one answer:

- Prophase 1
- Metaphase 2
- Metaphase 1
- Prophase 2
- Interphase 2

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

Question: [in meiosis chromosomes containing sister chromatids Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-in-meiosis-chromosomes-containing-sister-chromatids-sarah-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-in-meiosis-chromosomes-containing-sister-chromatids-sarah-bio?pdf=1505>

4.1.15. competitive (direct) inhibition

Author: Sarah Warren

competitive (direct) inhibition

Please choose only one answer:

- Finds somewhere else on the protein and changes the shape of the active site
- blocks the active site
- it doesn't exist
- it is the only type of inhibition

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

Question: [competitive direct inhibit Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-competitive-direct-inhibit-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-competitive-direct-inhibit-sarah-warren-bio-2-quest?pdf=1505>

4.1.16. enzymes speed chemical reactions by

Author: Sarah Warren

enzymes speed chemical reactions by

Please choose only one answer:

- lowering the amount of reactants that are needed
- supplying energy to the reaction process
- maintaining chemical equilibrium
- raising the temperature of the surroundings
- lowering the energy required to state chemical reaction

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

Question: [enzymes speed chemical reactions by Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-enzymes-speed-chemical-reactions-by-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-enzymes-speed-chemical-reactions-by-sarah-warren-bio-2-quest?pdf=1505>

4.1.17. Fermentation in Yeast cells results in alcohol

Author: Sarah Warren

Fermentation in Yeast cells results in alcohol

Please choose only one answer:

- True
- False

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

Question: [Fermentation in Yeast cells results in alcohol Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-fermentation-in-yeast-cells-results-in-alcohol-sarah-warren-b?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-fermentation-in-yeast-cells-results-in-alcohol-sarah-warren-b?pdf=1505>

4.1.18. which of the following components is NOT used by both plants and cy...

Author: Sarah Warren

which of the following components is NOT used by both plants and cyanobacteria to carry out photosynthesis?

Please choose only one answer:

- water
- carbon dioxide
- chlorophyll
- chloroplast

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

Question: [which of the following components is NOT used Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-components-is-not-used-sarah-warren-bi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-components-is-not-used-sarah-warren-bi?pdf=1505>

4.1.19. what is true of an exergonic reaction

Author: Sarah Warren

what is true of an exergonic reaction

Please choose only one answer:

- it is the same as potential energy
- ATP production is an example
- energy is released from the system
- you have to put energy in the system

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

Question: [what is true of an exergonic react Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-what-is-true-of-an-exergonic-react-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-what-is-true-of-an-exergonic-react-sarah-warren-bio-2-quest?pdf=1505>

4.1.20. the compound that enters the Krebs cycle is

Author: Sarah Warren

the compound that enters the Krebs cycle is

Please choose only one answer:

- ATP
- Pyruvate
- ATP synthase
- Acetyl CoA
- PGAL

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

Question: [the compound that enters the Krebs cycle is Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-compound-that-enters-the-krebs-cycle-is-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-compound-that-enters-the-krebs-cycle-is-sarah-warren-bio?pdf=1505>

4.1.21. Which of the following processes make ATP in the cell?

Author: Sarah Warren

Which of the following processes make ATP in the cell?

Please choose only one answer:

- Glycolysis-
- Krebs Cycle
- ETC
- all of the above
- none of the above

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

Question: [Which of the following processes make ATP in Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-processes-make-atp-in-sarah-wa-8505883?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-processes-make-atp-in-sarah-wa-8505883?pdf=1505>

4.1.22. the two main stages of the cell cycle are

Author: Sarah Warren

the two main stages of the cell cycle are

Please choose only one answer:

- mitosis and cytokinesis
- interphase and prophase
- mitosis and meiosis
- Interphase and Mitosis
- Interphase and cytokinesis

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

Question: [the two main stages of the cell cycle are Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-two-main-stages-of-the-cell-cycle-are-sarah-warren-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-two-main-stages-of-the-cell-cycle-are-sarah-warren-bio-2?pdf=1505>

4.1.23. where does glycolysis occur?

Author: Sarah Warren

where does glycolysis occur?

Please choose only one answer:

- In the cytoplasm
- In the mitochondria
- In the nucleus
- Any of the above, there is no specific location

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

Question: [where does glycolysis occur Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-where-does-glycolysis-occur-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-where-does-glycolysis-occur-sarah-warren-bio-2-quest?pdf=1505>

4.1.24. the reaction for aerobic cellular respiration are

Author: Sarah Warren

the reaction for aerobic cellular respiration are

Please choose only one answer:

- oxygen and ATP
- Glucose and Oxygen
- CO₂ and Glucose
- water and ATP
- Glucose and ATP

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

Question: [the reaction for aerobic cellular respiration Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-reaction-for-aerobic-cellular-respiration-sarah-warren-bi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-reaction-for-aerobic-cellular-respiration-sarah-warren-bi?pdf=1505>

4.1.25. ATP synthase

Author: Sarah Warren

ATP synthase

Please choose only one answer:

- makes all ATP
- is the protein responsible for making ATP using the H gradient
- is made up of protein
- A and B

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

Question: [ATP synthase Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-atp-synthase-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-atp-synthase-sarah-warren-bio-2-quest?pdf=1505>

4.1.26. Which of the following correctly matches the process with the location

Author: Sarah Warren

Which of the following correctly matches the process with the location

Please choose only one answer:

- Glycolysis-cytoplasm
- ETC-cytoplasm
- Krebs- mitochondria membrane
- all of the above
- none of the above

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

Question: [Which of the following correctly matches the Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-correctly-matches-the-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-correctly-matches-the-sarah-warren-bio?pdf=1505>

4.1.27. Photosynthesis is important to plants and animals because

Author: Sarah Warren

Photosynthesis is important to plants and animals because

Please choose only one answer:

- it is the basis of all food sources
- it is important only if you are a vegetarian
- it is the only process that can harness light energy and convert it to usable energy
- A and C

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

Question: [Photosynthesis is important to plants and animals Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-photosynthesis-is-important-to-plants-and-animals-sarah-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-photosynthesis-is-important-to-plants-and-animals-sarah-bio-2?pdf=1505>

4.1.28. Glycolysis and the Krebs cycle can only take place in the presence ...

Author: Sarah Warren

Glycolysis and the Krebs cycle can only take place in the presence of oxygen

Please choose only one answer:

- True
- False

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

Question: [Glycolysis and the Krebs cycle can only take Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-glycolysis-and-the-krebs-cycle-can-only-take-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-glycolysis-and-the-krebs-cycle-can-only-take-sarah-warren-bio?pdf=1505>

4.1.29. the DNA sequence 5' - ATGCATGC- ' will pair with which of the follo...

Author: Sarah Warren

the DNA sequence 5' - ATGCATGC- ' will pair with which of the following DNA strands?

Please choose only one answer:

- 5'-ATGCTAGC- 3'
- 5'-GJEJFJK- 3'
- 3'-GJEIEKDK- 5'
- 3'- TACGTACG- 5'

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

Question: [the DNA sequence 5' - ATGCATGC- ' will pair with Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-dna-sequence-5-atgcatgc-will-pair-with-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-dna-sequence-5-atgcatgc-will-pair-with-sarah-warren-bio?pdf=1505>

4.1.30. The phase of mitosis in which centromeres split and sister chromati...

Author: Sarah Warren

The phase of mitosis in which centromeres split and sister chromatids are pulled to opposite poles of the cell is

Please choose only one answer:

- prophase
- anaphase
- metaphase
- prometaphase
- telophase

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

Question: [The phase of mitosis in which centromeres split Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-phase-of-mitosis-in-which-centromeres-split-sarah-warren?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-phase-of-mitosis-in-which-centromeres-split-sarah-warren?pdf=1505>

4.1.31. which of the following would be a good target for a chemo therapy drug

Author: Sarah Warren

which of the following would be a good target for a chemo therapy drug

Please choose only one answer:

- spindle fiber inhibitor
- DNA replication
- kinetachore dirsruptor
- all of the above
- none of the above

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

Question: [which of the following would be a good target Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-would-be-a-good-target-sarah-warren-bi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-would-be-a-good-target-sarah-warren-bi?pdf=1505>

4.1.32. what is the role of oxygen in cellular respiration

Author: Sarah Warren

what is the role of oxygen in cellular respiration

Please choose only one answer:

- it is reduced at the end of the electron transport chain, forming water
- it flows down its concentration gradient through and ATPase to produce ATP
- it is necessary to obtain any ATP from glucose
- it is formed from the oxidation of water at the beginning of the electron transport chain
- it flows through the electron transport chain, losing energy as it goes

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

Question: [what is the role of oxygen in cellular respiration Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-what-is-the-role-of-oxygen-in-cellular-respiration-sarah-warren?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-what-is-the-role-of-oxygen-in-cellular-respiration-sarah-warren?pdf=1505>

4.1.33. the main by product of photosyntheis that is released into the envi...

Author: Sarah Warren

the main by product of photosyntheis that is released into the environment is

Please choose only one answer:

- glucose
- chlorophyll
- oxygen
- sunlight
- CO₂

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

Question: [the main by product of photosyntheis that is Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-main-by-product-of-photosyntheis-that-is-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-main-by-product-of-photosyntheis-that-is-sarah-warren-bio?pdf=1505>

4.1.34. Sexual reproduction and meiosis generate genetic variety by

Author: Sarah Warren

Sexual reproduction and meiosis generate genetic variety by

Please choose only one answer:

- independent assortment
- crossing over
- random fertilization
- all are correct
- none are correct

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

Question: [Sexual reproduction and meiosis generate genetic Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-sexual-reproduction-and-meiosis-generate-genetic-sarah-warren?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-sexual-reproduction-and-meiosis-generate-genetic-sarah-warren?pdf=1505>

4.1.35. At what stage of the cell cycle is DNA replicated

Author: Sarah Warren

At what stage of the cell cycle is DNA replicated

Please choose only one answer:

- interphase
- G1
- G2
- S
- Mitosis

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

Question: [At what stage of the cell cycle is DNA replicated Sarah Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-at-what-stage-of-the-cell-cycle-is-dna-replicated-sarah-bio-2?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-at-what-stage-of-the-cell-cycle-is-dna-replicated-sarah-bio-2?pdf=1505>

4.1.36. all mutations are bad

Author: Sarah Warren

all mutations are bad

Please choose only one answer:

- true
- false

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

Question: [all mutations are bad Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-all-mutations-are-bad-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-all-mutations-are-bad-sarah-warren-bio-2-quest?pdf=1505>

4.1.37. what is an autosome

Author: Sarah Warren

what is an autosome

Please choose only one answer:

- a somatic cell
- a chromosome that does not contain gender specific information
- a sex cell
- a chromosome that does contain gender specific information

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

Question: [what is an autosome Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-what-is-an-autosome-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-what-is-an-autosome-sarah-warren-bio-2-quest?pdf=1505>

4.1.38. Chromosomes that look alike and carry the same sequence of genes fo...

Author: Sarah Warren

Chromosomes that look alike and carry the same sequence of genes for the same traits are

Please choose only one answer:

- Found in females only
- the X and Y chromosome
- All autosomes
- Homologous Chromosomes
- Found in males only

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

Question: [Chromosomes that look alike and carry the same Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-chromosomes-that-look-alike-and-carry-the-same-sarah-warren-b?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-chromosomes-that-look-alike-and-carry-the-same-sarah-warren-b?pdf=1505>

4.1.39. Photosynthetic organisms also utilize cellular respiration

Author: Sarah Warren

Photosynthetic organisms also utilize cellular respiration

Please choose only one answer:

- True
- False

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

Question: [Photosynthetic organisms also utilize cellular Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-photosynthetic-organisms-also-utilize-cellular-sarah-warren-b?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-photosynthetic-organisms-also-utilize-cellular-sarah-warren-b?pdf=1505>

4.1.40. The region of an enzyme that catalyzes reactions is called

Author: Sarah Warren

The region of an enzyme that catalyzes reactions is called

Please choose only one answer:

- an analog
- a binding pocket
- an active site
- a catalyst site

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

Question: [The region of an enzyme that catalyzes reactions Sarah Warren Bio](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-region-of-an-enzyme-that-catalyzes-reactions-sara-0661295?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-region-of-an-enzyme-that-catalyzes-reactions-sara-0661295?pdf=1505>

4.1.41. The electron transport system occurs in the

Author: Sarah Warren

The electron transport system occurs in the

Please choose only one answer:

- ribosome
- lysosome
- mitochondria
- nucleus
- cytoplasm

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

Question: [The electron transport system occurs in the Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-the-electron-transport-system-occurs-in-the-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-the-electron-transport-system-occurs-in-the-sarah-warren-bio?pdf=1505>

4.1.42. glycolysis and the krebs cycle do not capture all of the energy in ...

Author: Sarah Warren

glycolysis and the krebs cycle do not capture all of the energy in glucose molecule because

Please choose only one answer:

- some energy remains in the atoms
- some glucose is not broken down
- some energy is always lost as heat during chemical reactions
- ATP easily vaporizes
- Energy cannot be created or destroyed

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

Question: [glycolysis and the krebs cycle do not capture Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-glycolysis-and-the-krebs-cycle-do-not-capture-sarah-warren-bi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-glycolysis-and-the-krebs-cycle-do-not-capture-sarah-warren-bi?pdf=1505>

4.1.43. an enzyme is

Author: Sarah Warren

an enzyme is

Please choose only one answer:

- a protein
- lowers the energy of activation
- can act as a biological catalyst
- all of the above
- none of the above

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

Question: [an enzyme is Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-an-enzyme-is-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-an-enzyme-is-sarah-warren-bio-2-quest?pdf=1505>

4.1.44. only carbohydrates are used to make ATP, other food sources are not...

Author: Sarah Warren

only carbohydrates are used to make ATP, other food sources are not necessary for energy formation

Please choose only one answer:

- True
- False

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

Question: [only carbohydrates are used to make ATP other Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-only-carbohydrates-are-used-to-make-atp-other-sarah-warren-bi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-only-carbohydrates-are-used-to-make-atp-other-sarah-warren-bi?pdf=1505>

4.1.45. where is most of ATP made

Author: Sarah Warren

where is most of ATP made

Please choose only one answer:

- cytoplasm
- mitochondria
- it is cell dependant
- it depends if it is fermentation or aerobic respiration

Check the answer of this question online at QuizOver.com:
Question: [where is most of ATP made Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-where-is-most-of-atp-made-sarah-warren-bio-2-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-where-is-most-of-atp-made-sarah-warren-bio-2-quest?pdf=1505>

4.1.46. what type of bond links double stranded DNA?

Author: Sarah Warren

what type of bond links double stranded DNA?

Please choose only one answer:

- hydrogen
- phosphodiester
- peptide
- none of the above

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

Question: [what type of bond links double stranded DNA Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-what-type-of-bond-links-double-stranded-dna-sarah-warren-bio?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-what-type-of-bond-links-double-stranded-dna-sarah-warren-bio?pdf=1505>

4.1.47. which of the following is a way that bacteria introduce genetic var...

Author: Sarah Warren

which of the following is a way that bacteria introduce genetic variability?

Please choose only one answer:

- tranformation
- transduction
- conjugation
- all of the above
- none of the above

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

Question: [which of the following is a way that bacteria Sarah Warren Bio 2](#)

Flashcards:

<http://www.quizover.com/flashcards/question-which-of-the-following-is-a-way-that-bacteria-sarah-warren-bi?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-which-of-the-following-is-a-way-that-bacteria-sarah-warren-bi?pdf=1505>

4.1.48. An example/s of potential energy is/are

Author: Sarah Warren

An example/s of potential energy is/are

Please choose only one answer:

- light
- light and chemical bonds
- concentration gradients
- chemical bonds
- chemical bonds and concentration gradients

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

Question: [An example/s of potential energy is/are Sarah Warren Bio 2 Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/question-an-example-s-of-potential-energy-is-are-sarah-warren-bio-2-qu?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/question-an-example-s-of-potential-energy-is-are-sarah-warren-bio-2-qu?pdf=1505>