

Biology 39

The Respiratory System 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: Gekwong Chan

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/col16448/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 39 The Respiratory System MCQ

1. Biology 39 The Respiratory System MCQ Questions

4.1.1. The respiratory system _____.

Author: OpenStax College

The respiratory system _____.

Please choose only one answer:

- provides body tissues with oxygen
- provides body tissues with oxygen and carbon dioxide
- establishes how many breaths are taken per minute
- provides the body with carbon dioxide

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

Question: [The respiratory system . OpenStax College Biology 39 MCQ Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/the-respiratory-system-openstax-college-biology-39-mcq-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-respiratory-system-openstax-college-biology-39-mcq-quest?pdf=1505>

4.1.2. Air is warmed and humidified in the nasal passages. This helps to _...

Author: OpenStax College

Air is warmed and humidified in the nasal passages. This helps to _____.

Please choose only one answer:

- ward off infection
- decrease sensitivity during breathing
- prevent damage to the lungs
- all of the above

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

Question: [Air is warmed and humidified in the nasal OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/air-is-warmed-and-humidified-in-the-nasal-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/air-is-warmed-and-humidified-in-the-nasal-openstax-college-biology?pdf=1505>

4.1.3. Which is the order of airflow during inhalation?

Author: OpenStax College

Which is the order of airflow during inhalation?

Please choose only one answer:

- nasal cavity, trachea, larynx, bronchi, bronchioles, alveoli
- nasal cavity, larynx, trachea, bronchi, bronchioles, alveoli
- nasal cavity, larynx, trachea, bronchioles, bronchi, alveoli
- nasal cavity, trachea, larynx, bronchi, bronchioles, alveoli

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

Question: [Which is the order of airflow during OpenStax College Biology 39](#)

Flashcards:

<http://www.quizover.com/flashcards/which-is-the-order-of-airflow-during-openstax-college-biology-39?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/which-is-the-order-of-airflow-during-openstax-college-biology-39?pdf=1505>

4.1.4. The inspiratory reserve volume measures the _____.

Author: OpenStax College

The inspiratory reserve volume measures the _____.

Please choose only one answer:

- amount of air remaining in the lung after a maximal exhalation
- amount of air that the lung holds
- amount of air the can be further exhaled after a normal breath
- amount of air that can be further inhaled after a normal breath

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

Question: [The inspiratory reserve volume measures OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/the-inspiratory-reserve-volume-measures-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-inspiratory-reserve-volume-measures-openstax-college-biology?pdf=1505>

4.1.5. Of the following, which does not explain why the partial pressure o...

Author: OpenStax College

Of the following, which does not explain why the partial pressure of oxygen is lower in the lung than in the external air?

Please choose only one answer:

- Air in the lung is humidified; therefore, water vapor pressure alters the pressure.
- Carbon dioxide mixes with oxygen.
- Oxygen is moved into the blood and is headed to the tissues.
- Lungs exert a pressure on the air to reduce the oxygen pressure.

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

Question: [Of the following which does not explain OpenStax College Biology](#)

Flashcards:

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

Interactive Question:

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

4.1.6. The total lung capacity is calculated using which of the following ...

Author: OpenStax College

The total lung capacity is calculated using which of the following formulas?

Please choose only one answer:

- residual volume + tidal volume + inspiratory reserve volume
- residual volume + expiratory reserve volume + inspiratory reserve volume
- expiratory reserve volume + tidal volume + inspiratory reserve volume
- residual volume + expiratory reserve volume + tidal volume + inspiratory reserve volume

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

Question: [The total lung capacity is calculated OpenStax College Biology 39](#)

Flashcards:

<http://www.quizover.com/flashcards/the-total-lung-capacity-is-calculated-openstax-college-biology-39?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-total-lung-capacity-is-calculated-openstax-college-biology-39?pdf=1505>

4.1.7. How would paralysis of the diaphragm alter inspiration?

Author: OpenStax College

How would paralysis of the diaphragm alter inspiration?

Please choose only one answer:

- It would prevent contraction of the intercostal muscles.
- It would prevent inhalation because the intrapleural pressure would not change.
- It would decrease the intrapleural pressure and allow more air to enter the lungs.
- It would slow expiration because the lung would not relax.

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

Question: [How would paralysis of the diaphragm alter OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/how-would-paralysis-of-the-diaphragm-alter-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/how-would-paralysis-of-the-diaphragm-alter-openstax-college-biology?pdf=1505>

4.1.8. Restrictive airway diseases _____.

Author: OpenStax College

Restrictive airway diseases _____.

Please choose only one answer:

- increase the compliance of the lung
- decrease the compliance of the lung
- increase the lung volume
- decrease the work of breathing

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

Question: [Restrictive airway diseases . OpenStax College Biology 39 The Quest](#)

Flashcards:

<http://www.quizover.com/flashcards/restrictive-airway-diseases-openstax-college-biology-39-the-quest?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/restrictive-airway-diseases-openstax-college-biology-39-the-quest?pdf=1505>

4.1.9. Alveolar ventilation remains constant when _____.

Author: OpenStax College

Alveolar ventilation remains constant when _____.

Please choose only one answer:

- the respiratory rate is increased while the volume of air per breath is decreased
- the respiratory rate and the volume of air per breath are increased
- the respiratory rate is decreased while increasing the volume per breath
- both a and c

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

Question: [Alveolar ventilation remains constant when OpenStax College Biology](#)

Flashcards:

<http://www.quizover.com/flashcards/alveolar-ventilation-remains-constant-when-openstax-college-biology?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/alveolar-ventilation-remains-constant-when-openstax-college-biology?pdf=1505>

4.1.10. Which of the following will NOT facilitate the transfer of oxygen t...

Author: OpenStax College

Which of the following will NOT facilitate the transfer of oxygen to tissues?

Please choose only one answer:

- decreased body temperature
- decreased pH of the blood
- increased carbon dioxide
- increased exercise

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

Question: [Which of the following will NOT facilitate OpenStax College Biology](#)

Flashcards:

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

Interactive Question:

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

4.1.11. The majority of carbon dioxide in the blood is transported by _____...

Author: OpenStax College

The majority of carbon dioxide in the blood is transported by _____.

Please choose only one answer:

- binding to hemoglobin
- dissolution in the blood
- conversion to bicarbonate
- binding to plasma proteins

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

Question: [The majority of carbon dioxide in the OpenStax College Biology 39](#)

Flashcards:

<http://www.quizover.com/flashcards/the-majority-of-carbon-dioxide-in-the-openstax-college-biology-39?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-majority-of-carbon-dioxide-in-the-openstax-college-biology-39?pdf=1505>

4.1.12. The majority of oxygen in the blood is transported by _____.

Author: OpenStax College

The majority of oxygen in the blood is transported by _____.

Please choose only one answer:

- dissolution in the blood
- being carried as bicarbonate ions
- binding to blood plasma
- binding to hemoglobin

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

Question: [The majority of oxygen in the blood is OpenStax College Biology 3](#)

Flashcards:

<http://www.quizover.com/flashcards/the-majority-of-oxygen-in-the-blood-is-openstax-college-biology-3?pdf=1505>

Interactive Question:

<http://www.quizover.com/question/the-majority-of-oxygen-in-the-blood-is-openstax-college-biology-3?pdf=1505>