Anatomy & A&P 22 Respiratory System MCQ

Author: OpenStax College

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A&P 22 Resp	iratory System	MCQ Questi	ons		

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4.1.1. Which of the following anatomical structures is not part of the con...

Author: OpenStax College

Which of the following anatomical structures is not part of the conducting zone?

Please choose only one answer:

- pharynx
- nasal cavity
- alveoli
- bronchi

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

Question: Which of the following anatomical structures OpenStax College Anatomy

Flashcards:

http://www.quizover.com/flashcards/which-of-the-following-anatomical-structures-openstax-college-anatomy?pdf=1505

Interactive Question:

http://www.quizover.com/question/which-of-the-following-anatomical-structures-openstax-college-anatomy?pdf=1505

4.1.2. What is the function of the conchae in the nasal cavity?

Author: OpenStax College

What is the function of the conchae in the nasal cavity?

Please choose only one answer:

- increase surface area
- exchange gases
- maintain surface tension
- maintain air pressure

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

Question: What is the function of the conchae in OpenStax College Anatomy Quest

Flashcards:

http://www.quizover.com/flashcards/what-is-the-function-of-the-conchae-in-openstax-college-anatomy-quest?pdf=1505

Interactive Question:

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4.1.3. The fauces connects which of the following structures to the oropha...

Author: OpenStax College

The fauces connects which of the following structures to the oropharynx?

Please choose only one answer:

- nasopharynx
- laryngopharynx
- nasal cavity
- oral cavity

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

Question: The fauces connects which of the following OpenStax College Anatomy

Flashcards:

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Interactive Question:

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4.1.4. Which of the following are structural features of the trachea?

Author: OpenStax College

Which of the following are structural features of the trachea?

Please choose only one answer:

- C-shaped cartilage
- · smooth muscle fibers
- cilia
- all of the above

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

Question: Which of the following are structural OpenStax College Anatomy Quest

Flashcards:

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Interactive Question:

http://www.quizover.com/question/which-of-the-following-are-structural-openstax-college-anatomy-quest?pdf=1505

4.1.5. Which of the following structures is not part of the bronchial tree?

Author: OpenStax College

Which of the following structures is not part of the bronchial tree?

Please choose only one answer:

- alveoli
- bronchi
- · terminal bronchioles
- respiratory bronchioles

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

Question: Which of the following structures is not OpenStax College Anatomy

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Interactive Question:

http://www.quizover.com/question/which-of-the-following-structures-is-not-openstax-college-anatomy?pdf=1505

4.1.6. What is the role of alveolar macrophages?

Author: OpenStax College

What is the role of alveolar macrophages?

Please choose only one answer:

- to secrete pulmonary surfactant
- to secrete antimicrobial proteins
- to remove pathogens and debris
- to facilitate gas exchange

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

Question: What is the role of alveolar macrophages OpenStax College Anatomy

Flashcards:

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Interactive Question:

http://www.quizover.com/question/what-is-the-role-of-alveolar-macrophages-openstax-college-anatomy?pdf=1505

4.1.7. Which of the following structures separates the lung into lobes?

Author: OpenStax College

Which of the following structures separates the lung into lobes?

Please choose only one answer:

- mediastinum
- fissure
- root
- pleura

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

Question: Which of the following structures separates OpenStax College Anatomy

Flashcards:

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Interactive Question:

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4.1.8. A section of the lung that receives its own tertiary bronchus is ca...

Author: OpenStax College

A section of the lung that receives its own tertiary bronchus is called the _____

Please choose only one answer:

- bronchopulmonary segment
- pulmonary lobule
- interpulmonary segment
- · respiratory segment

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

Question: A section of the lung that receives its OpenStax College Anatomy

Flashcards:

http://www.quizover.com/flashcards/a-section-of-the-lung-that-receives-its-openstax-college-anatomy?pdf=1505

Interactive Question:

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4.1.9. The circulation picks up oxygen for cellular use and drops
Author: OpenStax College The circulation picks up oxygen for cellular use and drops off carbon dioxide for removal from the body
Please choose only one answer: pulmonary interlobular respiratory bronchial
Check the answer of this question online at QuizOver.com: Question: The circulation picks up oxygen for cellular OpenStax College Anatomy
Flashcards: http://www.quizover.com/flashcards/the-circulation-picks-up-oxygen-for-cellular-openstax-college-anatomy?pdf=1505 Interactive Question: http://www.quizover.com/question/the-circulation-picks-up-oxygen-for-cellular-openstax-college-anatomy?pdf=1505

4.1.10. The pleura that surrounds the lungs consists of two layers, the _____... Author: OpenStax College The pleura that surrounds the lungs consists of two layers, the _ Please choose only one answer: visceral and parietal pleurae. mediastinum and parietal pleurae. visceral and mediastinum pleurae. none of the above Check the answer of this question online at QuizOver.com: Question: The pleura that surrounds the lungs consists OpenStax College Anatomy Flashcards: http://www.quizover.com/flashcards/the-pleura-that-surrounds-the-lungs-consists-openstax-college-anatomy?pdf=1505 Interactive Question: http://www.quizover.com/question/the-pleura-that-surrounds-the-lungs-consists-openstax-college-anatomy?pdf=1505

4.1.11. Which of the following processes does atmospheric pressure play a r...

Author: OpenStax College

Which of the following processes does atmospheric pressure play a role in?

Please choose only one answer:

- pulmonary ventilation
- production of pulmonary surfactant
- resistance
- surface tension

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

Question: Which of the following processes does OpenStax College Anatomy Quest

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4.1.12. A decrease in volume leads to a(n) pressure.
Author: OpenStax College
A decrease in volume leads to a(n) pressure.
Please choose only one answer: decrease in equalization of increase in zero
Check the answer of this question online at QuizOver.com: Question: A decrease in volume leads to a n pressure OpenStax College Anatomy Flashcards: http://www.quizover.com/flashcards/a-decrease-in-volume-leads-to-a-n-pressure-openstax-college-anatomy?pdf=1505
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4.1.13. The pressure difference between the intra-alveolar and intrapleural...

Author: OpenStax College

The pressure difference between the intra-alveolar and intrapleural pressures is called ______

Please choose only one answer:

- atmospheric pressure
- pulmonary pressure
- negative pressure
- transpulmonary pressure

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

Question: The pressure difference between the intra OpenStax College Anatomy

Flashcards:

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4.1.14. Gas flow decreases as increases.
Author: OpenStax College Gas flow decreases as increases.
Gas now decreases as increases.
Please choose only one answer: resistance pressure airway diameter friction
Check the answer of this question online at QuizOver.com: Question: Gas flow decreases as increases. OpenStax College Anatomy Physiology
Flashcards: http://www.quizover.com/flashcards/gas-flow-decreases-as-increases-openstax-college-anatomy-physiology?pdf=1505
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4.1.15. Contraction of the external intercostal muscles causes which of the...

Author: OpenStax College

Contraction of the external intercostal muscles causes which of the following to occur?

Please choose only one answer:

- The diaphragm moves downward.
- The rib cage is compressed.
- The thoracic cavity volume decreases.
- The ribs and sternum move upward.

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

Question: Contraction of the external intercostal OpenStax College Anatomy

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4.1.16. Which of the following prevents the alveoli from collapsing?

Author: OpenStax College

Which of the following prevents the alveoli from collapsing?

Please choose only one answer:

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

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

Question: Which of the following prevents the alveoli OpenStax College Anatomy

Flashcards:

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4.1.17. Gas moves from an area of partial pressure to an area of
Author: OpenStax College
Gas moves from an area of partial pressure to an area of partial pressure.
Please choose only one answer: low; high low; low high; high high; low
Check the answer of this question online at QuizOver.com: Question: Gas moves from an area of partial pressure OpenStax College Anatomy
Flashcards: http://www.quizover.com/flashcards/gas-moves-from-an-area-of-partial-pressure-openstax-college-anatomy?pdf=1505 Interactive Question: http://www.quizover.com/question/gas-moves-from-an-area-of-partial-pressure-openstax-college-anatomy?pdf=1505

4.1.18. When ventilation is not sufficient, which of the following occurs?

Author: OpenStax College

When ventilation is not sufficient, which of the following occurs?

Please choose only one answer:

- The capillary constricts.
- The capillary dilates.
- The partial pressure of oxygen in the affected alveolus increases.
- The bronchioles dilate.

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

Question: When ventilation is not sufficient which OpenStax College Anatomy

Flashcards:

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Interactive Question:

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4.1.19. Gas exchange that occurs at the level of the tissues is called _____... Author: OpenStax College Gas exchange that occurs at the level of the tissues is called _ Please choose only one answer: external respiration interpulmonary respiration internal respiration pulmonary ventilation Check the answer of this question online at QuizOver.com: Question: Gas exchange that occurs at the level of OpenStax College Anatomy Flashcards: http://www.quizover.com/flashcards/gas-exchange-that-occurs-at-the-level-of-openstax-college-anatomy?pdf=1505 Interactive Question: http://www.quizover.com/question/gas-exchange-that-occurs-at-the-level-of-openstax-college-anatomy?pdf=1505

4.1.20. The partial pressure of carbon dioxide is 45 mm Hg in the blood and...

Author: OpenStax College

The partial pressure of carbon dioxide is 45 mm Hg in the blood and 40 mm Hg in the alveoli.

What happens to the carbon dioxide?

Please choose only one answer:

- It diffuses into the blood.
- It diffuses into the alveoli.
- The gradient is too small for carbon dioxide to diffuse.
- It decomposes into carbon and oxygen.

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

Question: The partial pressure of carbon dioxide is OpenStax College Anatomy

Flashcards:

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4.1.21. Oxyhemoglobin forms by a chemical reaction between which of the fol...

Author: OpenStax College

Oxyhemoglobin forms by a chemical reaction between which of the following?

Please choose only one answer:

- hemoglobin and carbon dioxide
- carbonic anhydrase and carbon dioxide
- hemoglobin and oxygen
- carbonic anhydrase and oxygen

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

Question: Oxyhemoglobin forms by a chemical reaction OpenStax College Anatomy

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4.1.22. Which of the following factors play a role in the oxygen-hemoglobin...

Author: OpenStax College

Which of the following factors play a role in the oxygen-hemoglobin saturation/dissociation curve?

Please choose only one answer:

- temperature
- pH
- BPG
- all of the above

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

Question: Which of the following factors play a role OpenStax College Anatomy

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4.1.23. Which of the following occurs during the chloride shift?

Author: OpenStax College

Which of the following occurs during the chloride shift?

Please choose only one answer:

- Chloride is removed from the erythrocyte.
- Chloride is exchanged for bicarbonate.
- Bicarbonate is removed from the erythrocyte.
- Bicarbonate is removed from the blood.

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

Question: Which of the following occurs during the OpenStax College Anatomy

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4.1.24. A low partial pressure of oxygen promotes hemoglobin binding to car... Author: OpenStax College A low partial pressure of oxygen promotes hemoglobin binding to carbon dioxide. This is an example of the _____ Please choose only one answer: Haldane effect Bohr effect Dalton's law Henry's law Check the answer of this question online at QuizOver.com: Question: A low partial pressure of oxygen promotes OpenStax College Anatomy Flashcards: http://www.quizover.com/flashcards/a-low-partial-pressure-of-oxygen-promotes-openstax-college-anatomy?pdf=1505 Interactive Question: http://www.quizover.com/question/a-low-partial-pressure-of-oxygen-promotes-openstax-college-anatomy?pdf=1505

4.1.25. Increased ventilation that results in an increase in blood pH is ca... Author: OpenStax College Increased ventilation that results in an increase in blood pH is called _____. Please choose only one answer: hyperventilation hyperpnea acclimatization apnea Check the answer of this question online at QuizOver.com: Question: Increased ventilation that results in an OpenStax College Anatomy Flashcards: http://www.quizover.com/flashcards/increased-ventilation-that-results-in-an-openstax-college-anatomy?pdf=1505 Interactive Question: http://www.quizover.com/question/increased-ventilation-that-results-in-an-openstax-college-anatomy?pdf=1505

4.1.26. Exercise can trigger symptoms of AMS due to which of the following?

Author: OpenStax College

Exercise can trigger symptoms of AMS due to which of the following?

Please choose only one answer:

- low partial pressure of oxygen
- · low atmospheric pressure
- abnormal neural signals
- small venous reserve of oxygen

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

Question: Exercise can trigger symptoms of AMS due OpenStax College Anatomy

Flashcards:

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Interactive Question:

http://www.quizover.com/question/exercise-can-trigger-symptoms-of-ams-due-openstax-college-anatomy?pdf=1505

4.1.27. Which of the following stimulates the production of erythrocytes?

Author: OpenStax College

Which of the following stimulates the production of erythrocytes?

Please choose only one answer:

- AMS
- high blood levels of carbon dioxide
- low atmospheric pressure
- erythropoietin

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

Question: Which of the following stimulates the OpenStax College Anatomy Quest

Flashcards:

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Interactive Question:

http://www.quizover.com/question/which-of-the-following-stimulates-the-openstax-college-anatomy-quest?pdf=1505

4.1.28. The olfactory pits form from which of the following?

Author: OpenStax College

The olfactory pits form from which of the following?

Please choose only one answer:

- mesoderm
- cartilage
- ectoderm
- endoderm

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

Question: The olfactory pits form from which of the OpenStax College Anatomy

Flashcards:

http://www.quizover.com/flashcards/the-olfactory-pits-form-from-which-of-the-openstax-college-anatomy?pdf=1505

Interactive Question:

http://www.quizover.com/question/the-olfactory-pits-form-from-which-of-the-openstax-college-anatomy?pdf=1505

4.1.29. A full complement of mature alveoli are present by
Author: OpenStax College
A full complement of mature alveoli are present by
Please choose only one answer:
early childhood, around 8 years of age
• birth
• 37 weeks
• 16 weeks
Check the answer of this question online at QuizOver.com: Question: A full complement of mature alveoli are OpenStax College Anatomy
Flashcards: http://www.quizover.com/flashcards/a-full-complement-of-mature-alveoli-are-openstax-college-anatomy?pdf=1505
Interactive Question: http://www.quizover.com/question/a-full-complement-of-mature-alveoli-are-openstax-college-anatomy?pdf=1505
nttp://www.quizover.com/question/a-ruii-complement-or-mature-aiveon-are-openstax-conlege-ariatomy : pui=1505

4.1.30. If a baby is born prematurely before type II cells produce sufficie...

Author: OpenStax College

If a baby is born prematurely before type II cells produce sufficient pulmonary surfactant, which of the following might you expect?

Please choose only one answer:

- · difficulty expressing fluid
- · difficulty inflating the lungs
- · difficulty with pulmonary capillary flow
- no difficulty as type I cells can provide enough surfactant for normal breathing

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

Question: If a baby is born prematurely before type OpenStax College Anatomy

Flashcards:

http://www.quizover.com/flashcards/if-a-baby-is-born-prematurely-before-type-openstax-college-anatomy?pdf=1505

Interactive Question:

http://www.quizover.com/question/if-a-baby-is-born-prematurely-before-type-openstax-college-anatomy?pdf=1505

4.1.31. When do fetal breathing movements begin?

Author: OpenStax College

When do fetal breathing movements begin?

Please choose only one answer:

- around week 20
- around week 37
- around week 16
- after birth

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

Question: When do fetal breathing movements begin OpenStax College Anatomy

Flashcards:

http://www.quizover.com/flashcards/when-do-fetal-breathing-movements-begin-openstax-college-anatomy?pdf=1505

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4.1.32. What happens to the fluid that remains in the lungs after birth?

Author: OpenStax College

What happens to the fluid that remains in the lungs after birth?

Please choose only one answer:

- It reduces the surface tension of the alveoli.
- It is expelled shortly after birth.
- It is absorbed shortly after birth.
- It lubricates the pleurae.

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

Question: What happens to the fluid that remains in OpenStax College Anatomy

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