

## Test – Lesson 7 – Respiratory – Answer Key

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1. Which statements about the reason air flows into the lungs when you take a deep breath are true? (Select all that apply.)

- (A) When you take a deep breath, the diaphragm descends.**
- (B) When you take a deep breath, the volume of the lungs increases.**
- (C) When you take a deep breath, air pressure in the lungs decreases.**
- (D) When you take a deep breath, the epiglottis is open.**

2. Which statements about deep inspiration are true? (Select all that apply.)

- (A) The upper ribs are pulled up by the scalene muscles.**
- (B) The lungs expand because they are permanently attached to the chest walls.**
- (C) The lungs resting on the diaphragm do not descend with the diaphragm.**
- (D) The inside of the chest walls is covered by parietal pleura, and the lungs by the visceral pleura.**

3. Breathing is controlled primarily by \_\_\_\_\_. (Select all that apply.)

- (A) the breathing center in the medulla of the brainstem**
- (B) the level of carbon dioxide in the blood**
- (C) the level of oxygen in the blood**
- (D) the level of cerebral blood flow**