Quiz 3:

Anatomy and Physiology II Lab, Summer C 2014

1) The structure in the brain that serves as the **respiratory center** is called the \_\_\_\_\_\_\_\_\_\_\_\_\_.

2) The muscles that receive impulses from the respiratory center (via the spinal cord) are called the \_\_\_\_\_\_\_\_\_\_\_\_.

3) Impulses traveling down the **phrenic nerve** stimulate the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ to contract.

4) **Inspiration** occurs when the air pressure within the thoracic cavity and lungs is **less than/greater than** *(choose one)* atmospheric pressure.

5) When **carbon dioxide** levels within the blood are high, the pH of blood becomes more **acidic/basic** *(choose one).*