

# Respiratory System

Directions: Please answer the questions below. Thank you.

1. Describe the pathway of air through the human respiratory system. Your answer should include at least four structures. At which point within the lungs do the oxygen molecules really enter the body?
2. Explain the difference as well as a connection between “breathing” and “cellular respiration.” Your answer should include a definition of cellular respiration.
3. What is the main muscle that drives breathing?
4. What is asthma?
5. What type of blood vessel is most closely associated with the alveoli? Why does that association make sense?
6. When you exhale in which other organ system are your lungs functioning?

