

L.N Coakley Science Department

Respiration Unit Quiz

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: \_\_\_\_\_

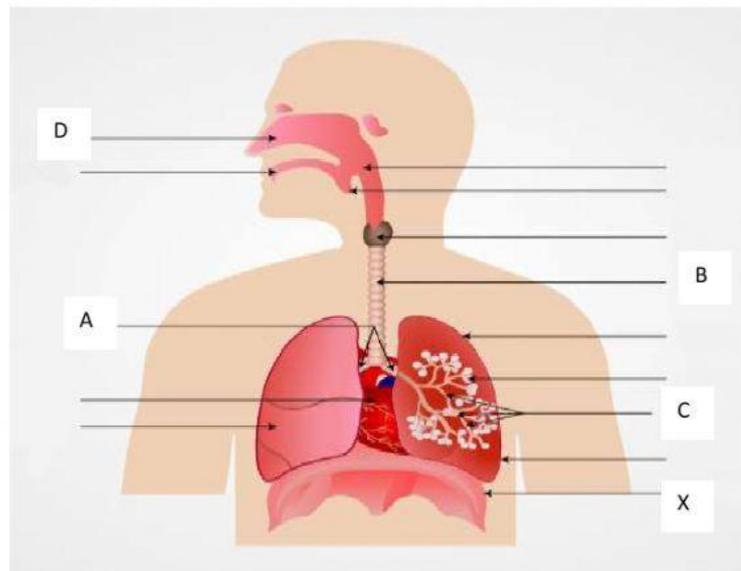
1. What is respiration?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. Why is respiration important?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. Label the parts A, B, C and D of the respiratory system below.



A		C	
B		D	

a) What is the structure label "X" made up of? \_\_\_\_\_.

b) Name the structure that is made up of rings of cartilage \_\_\_\_\_.

4. Complete the following statement about the types of respiration.

\_\_\_\_\_ respiration uses oxygen while \_\_\_\_\_ respiration does not use oxygen.

5. On the chart below, complete five differences between inspiration and expiration.

	inspiration	Expiration
Diaphragm		
Air		
Lungs		
Ribcage movement		
Intercostal muscles		

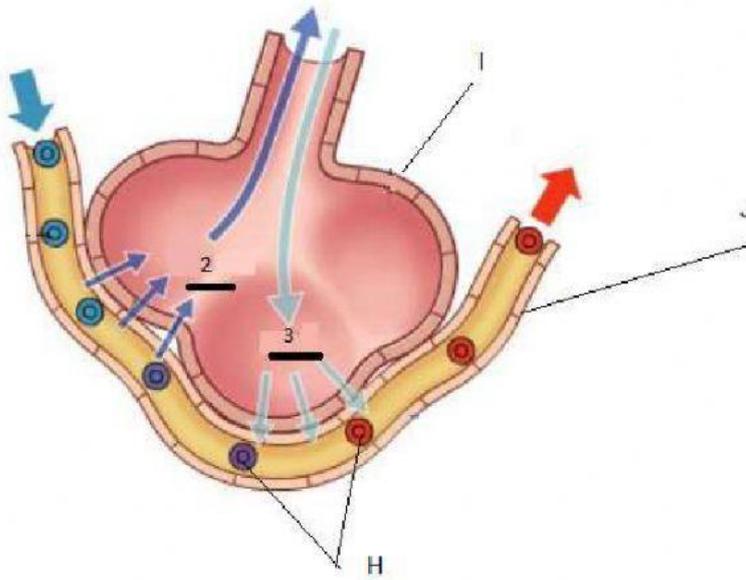
6. Select the correct option to complete the following statement about the air composition.

The amount of carbon dioxide in inhaled air is \_\_\_\_\_, compared to oxygen which is \_\_\_\_\_. However, when you exhale, the quantities of these two gases change. Carbon dioxide \_\_\_\_\_ and oxygen \_\_\_\_\_. This is because \_\_\_\_\_ is used in the blood to produce energy and \_\_\_\_\_ is removed as a waste product. Water vapor slightly \_\_\_\_\_ during respiration because it is also \_\_\_\_\_ the body. All other gases remain the same because the body cannot use them. The exchange of gases takes place in the \_\_\_\_\_ and is critical for survival.

7. Write the balanced chemical equation for aerobic respiration using words.

\_\_\_\_\_

8. Name the parts of the diagram represented by the letters H, I and J.



9. Give the name and the number that represents the two gases involve in this process.

2 \_\_\_\_\_ 3 \_\_\_\_\_.

10. The structure of the above is well suitable for its function. Explain three ways that this structure is specialized.

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11. Describe two disorders of the respiratory system.

1:

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2:

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