

**RESPIRATION TEST** Name: \_\_\_\_\_ /20

1. Energy is \_\_\_\_\_ from \_\_\_\_\_ chemicals in the process of respiration. (1)

2. The word equation for anaerobic respiration in human cells:  
 \_\_\_\_\_ + \_\_\_\_\_ (1)

3. The word equation for aerobic respiration in human cells:  
 \_\_\_\_\_ + \_\_\_\_\_ (1)

4. What is the energy used to synthesise? \_\_\_\_\_ (1)

5. What is meant by the term "energy currency"? \_\_\_\_\_  
 \_\_\_\_\_ (1)

6. When your muscle cells respire more, what **two** other changes occur in your body?  
 (i) \_\_\_\_\_ (1)  
 (ii) \_\_\_\_\_ (1)

7. Why does your body bother to use oxygen when it can respire without it?  
 (i) \_\_\_\_\_ (1)  
 (ii) \_\_\_\_\_ (1)

8. What happens to lactic acid?  
 \_\_\_\_\_ (1)

9. Give an example of when you might use anaerobic respiration? \_\_\_\_\_ (1)

10. Which of these statements are **true**?  

<b>A</b> Plants respire during the day	<b>E</b> Most fish are exclusively anaerobic
<b>B</b> Respiration produces CO <sub>2</sub>	<b>F</b> Respiration uses up things
<b>C</b> Respiration releases heat	<b>G</b> Respiration is controlled by enzymes
<b>D</b> Energy is needed for respiration	<b>H</b> Respiration happens in all cells

 \_\_\_\_\_ (1)

11. Apart from maintaining supply for **two** reasons for increased blood flow to respiring muscle cells.  
 (i) \_\_\_\_\_ (1)