

## ***Biology Aerobic Respiration Answers***

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### **Biology Aerobic Respiration Answers**

Answer: 1. Q23. Aerobic respiration is more advantageous than anaerobic respiration because.

### **Respiration Questions and Answers - Q for Questions**

ADVERTISEMENTS: The upcoming discussion will update you about the difference between aerobic respiration and anaerobic respiration. Difference # Aerobic Respiration: 1. Occurs in all living cells. 2. This requires oxygen. ADVERTISEMENTS: 3. The end products are carbon dioxide and water. 4. Complete oxidation of one molecule of glucose produces a net of 38 ATP molecules.

### **Aerobic Respiration and Anaerobic Respiration | Plants**

2. The anaerobic part is glycolysis. It happens in the cytoplasm and only produces a net gain of 2 ATP. It doesn't break down the glucose very much. If no oxygen is there, then glycolysis is followed by fermentation. If oxygen is present, then glycolysis is followed by aerobic respiration. The aerobic phase can only continue if oxygen is present.

### **Cellular Respiration? Biology Homework...? | Yahoo Answers**

Aerobic respiration is respiration that uses oxygen as a reactant. Aerobic respiration is much more efficient, and produces ATP much more quickly, than anaerobic respiration (respiration without oxygen). This is because oxygen is an excellent electron acceptor for the chemical reaction.

### **Aerobic Respiration - Definition and Function | Biology ...**

Use the five processes listed below to answer the following descriptions. a. glycolysis b. aerobic respiration c. anaerobic electron transport d. alcoholic fermentation e. lactate fermentation 6. Refer to Five Processes. In this process the energy yield is equal to 2 molecules of ATP and the final product is ethanol. 7. Refer to Five Processes.

### **AP Biology Cell Respiration Quiz Study Guide ANSWERS**

Aerobic respiration: Aerobic respiration is the process that takes place in presence of oxygen. Aerobic respiration is the metabolic process that involves break down of fuel molecules to obtain bio-chemical energy and has oxygen as the terminal electron acceptor.

### **differentiate aerobic from anaerobic respiration? | Yahoo Answers**

After aerobic respiration, 38 ATP molecules are produced from the consumption of one glucose molecule (but two of these ATP molecules are consumed by glycolysis). The net gain of the process is then 36 ATP molecules per glucose molecule.

### **Cellular Respiration: Definition, Equation ... - Biology Q&As**

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### **Respiration in Biology Multiple Choice Questions - O Level ...**

Answers to questions on Energy from respiration in Chapter 3 of IGCSE & GCSE Biology by D G Mackean, for teachers and students Energy from respiration | answers to questions in IGCSE & GCSE Biology by D G Mackean

### **Energy from respiration | answers to questions in IGCSE ...**

Aerobic respiration. (1) A form of cellular respiration that requires oxygen in order to generate energy. (2) The process of generating energy by the full oxidation of nutrients through Krebs cycle where oxygen is the final electron acceptor. With aerobic respiration, glycolysis continues with the Krebs cycle and oxidative phosphorylation.

### **Aerobic respiration - Biology-Online Dictionary | Biology ...**

Welcome to Educator.com.0001 In today's lecture, we are going to be discussing aerobic

respiration.0003 We will start out with the review of a comparison of aerobic versus anaerobic respiration.0008 Anaerobic respiration was discussed in detail in the previous lecture.0014 Aerobic respiration consists of glycolysis followed by the citric acid cycle and then, oxidative phosphorylation.0019

**13. [Aerobic Respiration] | AP Biology | Educator.com**

Answer: Energy is released using NAD<sup>+</sup>, FADH, and ATP Synthase. Explanation: Cells breakdown glucose molecules first during the process known as glycolysis. The glucose molecule is broken down into two pyruvate molecules and electrons are released. These electrons are picked up by NAD<sup>+</sup>.

**Aerobic Respiration - Biology | Socratic**

In anaerobic cells, however, respiration typically takes place in the cell's cytoplasm, since most anaerobic cells do not have specialized organelles. The series of reactions is typically shorter, and uses an electron acceptor such as sulfate, nitrate, sulfur, or fumarate instead of oxygen.

**Anaerobic Respiration - Definition, Types, Examples ...**

Aerobic And Anaerobic Respiration Cellular respiration is a process that takes place inside the cells where energy is released by the breakdown of glucose molecules. The process can be conveniently divided into two categories based on the usage of oxygen, namely aerobic and anaerobic respiration.

**Aerobic And Anaerobic Respiration - Biology**

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