

Cellular Respiration Exit Quiz

I. Give the scientific term that represents each of the following:

1. The substance commonly used by the majority of living organisms during cellular respiration.

[_____]

2. The breakdown of the glucose molecule.

[_____]

3. The last receptor of hydrogen in the electron transport chain.

[_____]

4. Type of anaerobic respiration in case of yeast fungus and some plant cells.

[_____]

5. The universal currency of energy in living cells.

[_____]

II. Give reasons for:

1. The 1st compound formed during citric acid cycle is 6-carbon compound.

2. Anaerobic respiration is called acidic fermentation in case of muscle cells.

3. Formation of intermediate compounds during citric acid cycle.

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III. Electron transport chain is considered as the basic last step in releasing ATP molecules.

1. What does electron transport mean?

2. What is the role of co-enzymes in releasing ATP?

3. What is the relation between oxygen and electron transport chain?
