

Directions: Choose the letter of the correct answer.

1. Glucose and oxygen are considered _____ of cellular respiration.
 - a. Reactants
 - b. Products
 - c. All of the above
 - d. None of the above
2. What step in cellular respiration yields the greatest number of ATPs?
 - a. Glycolysis
 - b. Pyruvate Oxidation
 - c. Krebs Cycle
 - d. Oxidative Phosphorylation
3. Which of the following is an electron carrier?
 - a. Pyruvic acid
 - b. Acetyl-CoA
 - c. NADH
 - d. ATP
4. The last substance that is produced in the Krebs cycle is?
 - a. Citrate
 - b. Ketoglutarate
 - c. Oxaloacetate
 - d. Malate
5. How much does one FADH_2 carrier yield in the electron transport chain?
 - a. 1 ATP
 - b. 1.5 ATP
 - c. 2 ATPs
 - d. 2.5 ATPs
6. Photosynthesis is considered a/an _____ process.
 - a. Catabolic
 - b. Anabolic
 - c. Light-dependent
 - d. Light-independent
7. The important product of the Calvin cycle.

- a. G3P
 - b. G2P
 - c. G4P
 - d. G5P
8. The special pair of *chlorophyll a* molecules in photosystem II is called?
- a. P700
 - b. P690
 - c. P680
 - d. P670
9. The Calvin Cycle occurs in which part of C₄ plants?
- a. Mesophyll cells
 - b. Leaf Veins
 - c. Stomata
 - d. Bundle-sheath cells
10. The acronym for CAM originates from?
- a. A synthesized acid
 - b. The resulting compound it yields when fixing CO₂
 - c. A specific group of succulents
 - d. The time of the day when the plant takes in CO₂