CELLULAR RESPIRATION

MULTIPLE CHOICE. Circle ALL that are TRUE. There may be MORE THAN one correct answer. is the first step in cellular respiration that begins releasing energy stored in glucose. A. Alcoholic fermentation B. Lactic acid fermentation C. Glycolysis D. Electron transport chain 2. The carriers for energy and high energy electrons resulting from glycolysis and the krebs cycle are A.)ATP B. NADH C. FADH2 D. NADPH B. electron transport chain
C. fermentation (anaerobic respiration)

4. Name the 3 carbon molecule produced when glacose is broken in half during glycolysis.

A pyruvic acid
B. lactic acid 3. If oxygen is NOT present, glucose is broken down by C. Acetyl Con D. dirric acid 5. Since fermentation does not require oxygen it is said to be A. aerobic B. anaerobic 6. Write the complete overall chemical equation for cellular respiration using words: 7. Compare this reaction to PHOTOSYNTHSIS (6 H_2O + 6 CO_2 + light energy \rightarrow $C_6H_{12}O_6$ + 6 O_2) How are these equations related? dependent on each other 8. Write the equations in words for the two kind of fermentation: Alcoholic fermentation

Lactic acid fermentation