Biology-Chapter4 (Biology-Chapter4)

Name:	Date:
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1. Photosynthesis is BEST i	represented by which of the following?
A. $6H_2O + 6CO_2 C_6H_{12}O_6 +$ B. $C_6H_{12}O_6 + 6O_2 6CO_2 + 6$ C. $C_6H_{12}O_6 + 6O_2 6CO_2 + 6$ D. $6COOH + 3H_2O + 3O_3 CO_2$	$5H_20$ $5H_2 + 3O_2$
2. Which of the following is	s released when ATP is converted to ADP and inorganic phosphate?
 A. energy B. oxygen C. tannic acid D. dihydrogen phosphate 3. Energy produced by cel	lular processes, such as photosynthesis and respiration, is stored by
A. ATP. B. ARP. C. DNA. D. RNA.	
4. ATP molecules store ene is broken,	rgy for cellular activity. When the bond holding the third phosphate
A. all cellular activity stops B. energy is released and ch C. energy dissipates and me D. tRNA picks up the phosp	tanges ATP to ADP. tabolic functions increase.

A. cell wall
B. cytoplasm C. mitochondrion
D. cell membrane
6.
Identify the cell organelles shown, which perform the final steps of food digestion in the production of ATP energy.
A. nucleus B. mitochondria C. Golgi apparatus D. endoplasmic reticulum
7.
Which cell organelle is responsible for the regulation of cell reproduction in mitosis or meiosis?
A. nucleus B. mitochondria C. Golgi apparatus D. endoplasmic reticulum

5. Which part of the cell provides energy through the process of cellular respiration?