Study Guide for Unit C Test – Mon. 10/7 “A” & Tues. 10/8 “B”

What is the correct equation for photosynthesis & cellular respiration?

Understand what is occurring during both processes of photosynthesis & cellular respiration.

What is broken down during cellular respiration? / What is chemosynthesis?

What process results in the most energy released? / Know that “All cells use chemical energy”.

What is ATP? / What is ADP? / What is glycolysis? / What is chlorophyll and where is it located?

Where do light-dependent and light-independent reactions occur in a chloroplast.

What is a producer (autotroph)? / What is a consumer (heterotroph)?

What is the function of root hairs? / Where is the vascular cylinder of a root located?

Know the difference between primary and secondary growth and where each occurs.

What is the function of plant stems? / what is the function of the upper surface of leaves?

What is a root cap and where is it located? / What is the difference between xylem and phloem?

Where does gas exchange occur in plants?

What is fermentation (alcoholic and lactic acid)? / Where do we see alcoholic fermentation?