**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Period: \_\_\_**

**Section 7 Test Review**

1. ***Where*** does photosynthesis happen?

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1. What are the ***2******reactions*** that make up photosynthesis?

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1. ***Where*** does Light Dependent Reaction take place?

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1. What ***3 things*** does the Light Dependent Reaction produce? Which ones are produce for the Calvin Cycle?

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1. Explain the ***steps*** that are happening during the Light Dependent Reactions.

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1. ***Where*** does Calvin Cycle take place?

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1. ***What*** does the Calvin Cycle produce for the plant?

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1. Explain what is ***used*** ***versus*** what is ***made*** during Calvin Cycle.

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1. What is the ***chemical equation*** for photosynthesis?

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1. What is the ***name of the pigment*** that plants use for photosynthesis? What part of the chloroplast is this pigment found?

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1. Why role do pigments play in photosynthesis? What are the consequences if a plant cannot product pigments?

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1. Does Cellular Respiration happen ***inside or outside*** of the mitochondria?

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1. ***Where*** does Glycolysis take place?

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1. What are the ***products*** of ***Glycolysis***?

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1. ***Where*** does Krebs Cycle take place?

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1. What are the ***products*** of ***Krebs Cycle***?

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1. ***Where*** does the Electron Transport Chain take place?

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1. What are the ***products*** of ***Electron Transport Chain*** (ETC)?

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1. What is the order of the reactions that take place in cellular respiration?

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1. What is the ***chemical equation*** for Cellular Respiration?

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1. What are the ***differences*** between aerobic and anaerobic respiration?

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1. Explain the ***2 types*** of anaerobic respiration.

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1. Explain the ***differences*** between ATP and ADP.

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1. What the ***3 types of energy***?

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1. Where does ***all*** energy come from?

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1. How is energy stored and released? (**HINT: 7-3 Notes—ATP versus ADP**)

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1. Why is ***glucose*** important?

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1. How do ***animals*** obtain glucose?

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1. How do ***plants*** obtain glucose?

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1. Why do both animals ***depend on*** plants to do ***Photosynthesis***?

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1. Why do both animals ***and*** plants need to do ***Cellular Respiration***?

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