**SNC2P Biology Unit Test: Thursday May 26/16**

Use your notes as your primary source to study from. We will have the class period on Wednesday to make our reference sheets.

Topics you will need to review:

* Cells-function, why do we have them, organelles & their functions-use your quiz to help you!
* Cell cycle-what is occurring during interphase, phases of mitosis (prophase, metaphase, anaphase, telophase), cytokinesis, why do cells divide
* Osmosis & diffusion-what do they mean, how do they work, how are they associated to the workings of organ systems
* What is DNA? Why is it important?
* Uncontrolled cell division-what are the two types of tumours? How are they similar? How are they different?
* What are stem cells? What is cell specialization & differentiation? Why are these two processes important?
* Identify by looking at diagrams or descriptions the five different specialized cells that we looked at in class (p42-43) (muscle cells, nerve cells, bone cells, blood cells, skin cells)
* What are tissues? Identify the four main types-muscle tissue, epithelial tissue, connective tissue, nervous tissue)
* What is an organ? Be able to identify some.
* What is an organ system? Be able to identify some.
* Respiratory system-what is its function? What are the main organs/components? How does it work?
* Circulatory system- what is its function? What are the main organs/components? How does it work?
* Digestive system- what is its function? What are the main organs/components? How does it work?
* How do organ systems work together?

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How do organ systems work together?