**Study Guide for Quiz #2:**

**Focus on TOC #14: Sustainability Notes**

1. What do primary producers “eat”? Basically where do they get their energy?
2. What would the effect on cows be if we turned off the sun? (talk about the food chain)
3. What are the requirements for successful ag?
4. Define soil erosion and its effect on agriculture
5. How can we reduce soil erosion?
6. List two problems with using pesticides in agriculture
7. Why is beef not sustainable?
8. Can the earth support more vegetarians or meat eater? Why?
9. Calculate how much energy is lost by the third level (secondary consumers)
10. Where is the energy go?