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

**Post-test Questions for "Welcome to Your World"**

**Circle the BEST answer for each of the following questions:**

**1. The majority of the Sun's energy is captured by \_\_\_\_\_, which are known as \_\_\_\_\_.**

A. plants; consumers  
B. animals; producers  
C. animals; decomposers  
D. plants; producers  
E. plants; decomposers

**2. Biomass is the term for \_\_\_\_\_ in the environment.**

A. all of the organic materials  
B. all of the living organisms  
C. all of the plants  
D. only the animals  
E. only the oxygen-consuming organisms

**3. The term "omnivore" is used to describe an organism that consumes:**

A. only plants  
B. only animals  
C. both plants and animals  
D. only dead animals  
E. both live and dead animals

**4. Decomposers are important because \_\_\_\_\_.**

A. they produce energy from sunlight  
B. they convert energy into sugars and release tremendous amounts of oxygen into the atmosphere  
C. they convert wastes into inorganic components for producers to use  
D. they consume energy from producers and produce large volumes of carbon dioxide into the atmosphere  
E. they utilize heat as a source of energy

**5. Formation of water vapor taken from the leaves of plants is called \_\_\_\_\_.**

A. condensation  
B. precipitation  
C. dehydration  
D. transpiration  
E. accumulation

**6. Which of the following organisms uses carbon dioxide to make energy?**

A. a dog  
B. an apple tree  
C. a bullfrog  
D. a hammerhead shark  
E. all of these use carbon dioxide to produce energy

**7. In order for nitrogen to be usable by most organisms, it must be\_\_\_\_\_.**

A. converted to oxygen  
B. fixed   
C. reduced to sugars  
D. released into the atmosphere  
E. split

**8. Which of the following statements concerning toxicity of compounds is TRUE?**

A. Toxic compounds are equally toxic to people and animals  
B. If a compound is toxic to people, it is not beneficial to people  
C. How much of a toxic compound a person is exposed to is as important as its toxicity  
D. Some environmental toxicants have a positive or beneficial impact on living organisms  
E. Most environmental toxicants enter the body by coming in contact with another individual who has been exposed to the toxicant

**9. The risk of toxicity is \_\_\_\_\_ the exposure.**

A. inversely related to  
B. directly related to  
C. important in determining  
D. independent of  
E. not related to

**10. If you encounter a high-level of a non-toxic substance, your risk of injury or illness is \_\_\_\_\_\_:**

A. none  
B. low  
C. medium  
D. high  
E. unable to be determined

**11. In order to minimize your risk of chemical toxicity you can \_\_\_\_\_\_:**

A. decrease the toxicity of the compound  
B. increase the level of good chemicals in the environment  
C. decrease your exposure to the compound  
D. increase your exposure to good chemicals  
E. decrease the amount of time you spend outside

**12. If a compound is toxic,\_\_\_\_.**

A. then it is toxic to all living things  
B. its toxicity can vary from individual to individual  
C. only high exposure has risk  
D. its more toxic if eaten than if inhaled  
E. exposure cannot be avoided