

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