

WATER IS LIFE – Questions

- 1) What can be generalized about groundwater pollution?
 - a. It is easy for a variety of pollutants to soak into the groundwater supply.
 - b. North Carolina's sandy soils keep pollutants from soaking into the water table.
 - c. Storm water runoff helps filter out other pollutants from groundwater.
 - d. Groundwater rarely becomes polluted due to the actions of people.
- 2) What can cause a sinkhole to occur in the landscape?
 - a. The development of several new springs
 - b. A situation in which acidic water erodes and dissolves underground limestone
 - c. An increase in the number of pollutants in the groundwater
 - d. A decrease in the volume of stormwater runoff soaking into the aquifer
- 3) Which one below is NOT an example of groundwater pollutant?
 - a. Pesticides
 - b. herbicides
 - c. motor oil
 - d. drinking water
- 4) How is groundwater drawn from the aquifer for use in our cities, homes and farms?
 - a. Sinkholes are created and pumps are used to move the water to surface water towers
 - b. Wells are drilled into the aquifer, with pipes and pumps used to bring the water to the surface
 - c. Computers are programmed to locate and collect surface water
 - d. Computer technology is used to create springs and draw water from them
- 5) Approximately how much of the world's water can be used for drinking?
 - a. 97%
 - b. 75%
 - c. 1%
 - d. 2%
- 6) What can YOU do to help sustain our resources?
 - a. Practice water conservation indoors and outdoors
 - b. Teach others about the importance of sustainability
 - c. Participate in activities that promote environmental citizenship
 - d. All of the Above
- 7) Which one below does NOT belong in a list of resources that we depend on in our daily lives?
 - a. Water for drinking and personal use
 - b. Clean air
 - c. energy for heating and cooling
 - d. pollution
- 8) Ground water is an important part of the water cycle. Explain where groundwater may be found and the role it plays in the never-ending water cycle.

- 9) What are 3 ways water is polluted?

- 10) There are 8 ways water can be purified, name three.

- 11) There are many types of wetlands: Saltwater Wetlands, Freshwater Wetlands, Cypress Swamps, Coastal Marshes, Mangrove Swamps, Hardwood Swamps and Freshwater Marshes. Select one type of wetland and describe the ways in which this ecosystem can have a positive impact on the larger environment.

- 12) What is saltwater intrusion?