Climate Change and Water Resources, Scarcity, and Pollution

Digital Learning Module Questions

1. Living in a sustainable way means using resources (such as fresh water) in a manner that allows continued existence in an environment with minimal long-term effects on it that does not overuse or deplete resources.
   1. True
   2. False
2. What is the term for using water in a sustainable way for crops or landscaping plants?
   1. Landscaping
   2. Xeriscaping
   3. Triscaping
   4. Aquascaping
3. How much of Earth’s fresh drinking water is contained in lakes, rivers, and swamps?
   1. About 20%
   2. About 30%
   3. About 40%
   4. About 1%
   5. None of these answers
4. Water pollution occurs by adding something harmful. Examples of pollution types are (mark all that apply)
   1. Biological
   2. Chemical
   3. Physical
   4. Thermal
   5. None of these answers
   6. a, b, c, and d
5. Confined aquifers are sometimes under pressure and do not require pumping to deliver water to the surface.
   1. True
   2. False
6. The term for water pollution coming from a specific point on the landscape is:
   1. Nonpoint source
   2. Point source
   3. Thermalpoint
   4. Monopoint
   5. None of these answers
7. Acid rain is commonly caused by the burning of fossil fuels and sulfur dioxide mixing with moisture in the atmosphere.
   1. True
   2. False
8. Municipal wastewater can be: (mark all that apply)
   1. Cleaned and recycled into safe drinking water
   2. Used to create fertilizer
   3. Used to generate methane that can be converted to electricity or heat
   4. Used to clean clothes without filtering or purifying
   5. Used to clean or wash food without filtering or purifying
   6. None of these answers
9. It is safe to drink unfiltered or unpurified water.
   1. True
   2. False
10. It is safe to live in a floodplain.
    1. True
    2. False

Answer Key

1. True
2. Xeriscaping
3. About 1%
4. Biological, Chemical, Physical, Thermal
5. True
6. Point source
7. True
8. Cleaned and recycled into safe drinking water, Used to create fertilizer, Used to generate methane that can be converted to electricity or heat
9. False
10. False