**Week 2 Questions Answer Key**

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| **Algae - Week 2 Questions** |
| 1. When algae grows densely and out of control, it is called a(n):a. Coral reef.b. Green blanket.c. Toxic waste.d. Algal bloom.e. Plant life.2. True or false: Large algal blooms can be seen from space.3. Algae may become our biggest weapon against \_\_\_climate\_\_\_\_\_\_\_\_\_\_ \_\_change\_\_\_\_\_\_\_\_\_\_\_.4. Algae provides more than \_\_\_half\_\_\_\_\_ of the \_\_oxygen\_\_\_\_\_\_\_\_\_\_\_\_ in our atmosphere via phytoplankton and seaweed and consumes more \_\_carbon\_\_\_\_\_\_\_\_\_\_ \_\_\_dioxide\_\_\_\_\_\_\_\_\_\_\_ than trees.5. Which of the following are uses for algae? Select all that apply.a. Nutritional supplementsb. Pigment for latex paintc. Food for humansd. Cleaning the aire. Food for marine life6. Name another use for algae that is being considered or researched. Answers will vary but may include biofuels or removing contaminants from air.7. Which of the following are negative effects of algae growth? Select all that apply.a. Contaminating public water suppliesb. Blocking sunlight, causing other aquatic plants to diec. Indirectly causing illness or death to whales, sea lions, otters, and manateesd. People who eat contaminated food could suffer diarrhea, illness, and deathe. Indirectly killing fish, shellfish, and other marine animals8. \_\_\_Cyanotoxins\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ can injure or kill land-dwelling creatures.9. Which of the following is NOT a toxin that can result from algae?a. Cylindrospermopsinb. Acetaldehydec. Microcystind. Saxitoxine. Anatoxin-a10. True or false: The U.S. Military has previously developed algae toxins as chemical weapons. |