

Name: _____

Environmental Science Chapter 5 Test

- | | | |
|-----------|---|-----------------------------|
| 1) _____ | an organism that eats other organisms instead of producing its own nutrients or obtaining nutrients from inorganic sources | a) producer |
| 2) _____ | the process by which cells produce energy; atmospheric oxygen combines with glucose to form water and carbon dioxide | b) primary succession |
| 3) _____ | a sequence in which energy is transferred from one organism to the next as each organism eats another organism | c) food chain |
| 4) _____ | shows many feeding relationships that are possible in an ecosystem | d) carbon cycle |
| 5) _____ | deposits of coal, oil, or natural gas | e) cellular respiration |
| 6) _____ | a type of secondary succession that occurs when farmland is abandoned | f) phosphorus |
| 7) _____ | the movement of carbon from the nonliving environment into living things and back | g) fossil fuels |
| 8) _____ | a gradual process of change and replacement of the types of species in a community | h) food web |
| 9) _____ | a species that colonizes an uninhabited area and that starts an ecological cycle in which many other species become established | i) ecological succession |
| 10) _____ | each step in the transfer of energy through a food chain or food web | j) nitrogen cycle |
| 11) _____ | a type of succession that occurs on a surface where no ecosystem existed before | k) oil-field succession |
| 12) _____ | an element that is part of many molecules that make up the cells of living organisms | l) trophic level |
| 13) _____ | bacteria that convert atmospheric nitrogen into ammonia | m) nitrogen-fixing bacteria |
| 14) _____ | an organism that can make their own food or energy | n) consumer |
| 15) _____ | the process in which nitrogen circulates among the air, soil, water, | o) pioneer species |

Holt Environmental Science Textbook Chapter 5 Test Answers

DJ Losen



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