

Name _____

Date _____

Warm-Up: HSA Prep ECOLOGY

- 1 A group of organisms of the same species that live in the same area is called a(n)
A community.
B population.
C biome.
D ecosystem.
- 2 What does the diagram in Figure 13.1 show?

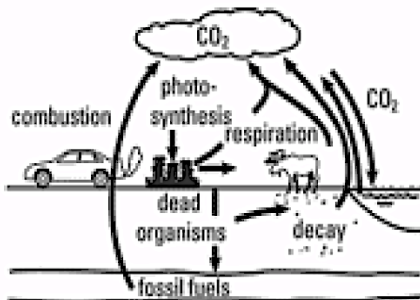


FIG. 13.1

- F the nitrogen cycle
G the water cycle
H the oxygen cycle
J the carbon cycle
- 3 Which phrase best describes biodiversity?
A the number of individuals in an ecosystem
B the amount of biomass in an ecosystem
C the amount of available energy in an ecosystem
D the number of species in an ecosystem
- 4 Which organisms help convert gaseous nitrogen into ammonia in the nitrogen cycle?
F bacteria
G trees
H squirrels
J grasses
- 5 An ecologist counts weeds to monitor their populations. Which of the following best describes the ecologist's methods?
A modeling
B observation
C experimentation
D hypothesizing
- 6 What do all the biotic and abiotic factors in a given area make up?
F a habitat
G a community
H an ecosystem
J a population
- 7 Which process is part of the hydrologic cycle?
A nitrification
B evaporation
C decomposition
D ammonification
- 8 Which of the following provide most of the energy in ecosystems?
F keystone species
G carnivores
H generalists
J producers
- 9 An organism that has an unusually large effect on an ecosystem is called a(n)
A keystone species.
B omnivore.
C biotic factor.
D heterotroph.
- 10 A major regional or global community of organisms is called
F an ecosystem.
G a biome.
H a species.
J a population.