Name _____ Class_____Date_____

Assessment

Quiz

Section: What Is an Ecosystem?

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

_____ 1. A habitat is different from an ecosystem in that
a. a habitat contains many ecosystems.
b. an ecosystem can contain many habitats.
c. a habitat is called a community.
d. an ecosystem is the physical aspects of a habitat.

_____ 2. In which area would you expect to find the least biodiversity?
a. a tropical rainforest
b. a temperate savanna
c. the open ocean
d. a coral reef

_____ 3. Which of the following is an example of an ecosystem?
a. a single rotting log on the forest floor
b. a grassy meadow
c. an oceanic island
d. All of the above

_____ 4. A regular progression of species replacement is called
a. succession.
b. a stable ecosystem.
c. forest development.
d. All of the above

_____ 5. Succession in a forest generally follows which sequence?
a. pioneer species ➜ willows ➜ hardwoods ➜ forest fire
b. cottonwoods ➜ shrubby weeds ➜ pine trees
c. shrubs ➜ ground cover ➜ mosses ➜ flood
d. exposed rock ➜ lichens ➜ shrubs ➜ trees ➜ stable forest

In the space provided, write the letter of the description that best matches the term or phrase.

_____ 6. biotic factor
_____ 7. abiotic factor
_____ 8. mosses
_____ 9. hemlock trees
_____ 10. ecosystem

a. a nonliving or physical aspect of an ecosystem
b. typical stable forest organisms
c. a community and all its physical aspects
d. a living or biological aspect of an ecosystem
e. typical pioneer organisms

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