Land Ecosystem Classwork Questions

1. Which comparison of ecosystems is true?

A. Tundras are warmer than grasslands.

B. Grasslands get more rain than deserts.

C. Deserts have more plants than rainforests.

D. Rainforests are rockier than tundras.

2. Grasslands have very few trees while forests have many trees. Why is this statement true?

A. Grasslands receive less rain than forests.

B. Grasslands receive less sunlight than the forests.

C. The animals of the grasslands eat small trees before they can grow.

3. Which is a difference between the plant life of a rainforest and a deciduous forest?

A. The deciduous forest has a warm climate year-round, while the rainforest has hot and cold extreme climates.

B. The deciduous forest has the most diverse plant life of all ecosystems, while the rainforest plant life is scarce.

C. The deciduous forest remains hot and wet year-round, while the rainforest has a yearly cycle of plant growth due to changes of seasons.

D. The deciduous forest has yearly cycles of plant growth due to changes of seasons, while the rainforest remains hot and wet year-round.

4. Which ecosystem averages the least amount of annual precipitation?

A. estuary B. forest

C. grassland D. salt marsh

5. Compared to the large number of plant species found in a forest ecosystem, which best explains why a desert ecosystem is unable to support a greater variety of plants?

A. A desert ecosystem is located too high above sea level for most plants to grow.

B. There are fewer animals in a desert, which decreases the need for large varieties of plants.

C. There is not enough space available in a desert ecosystem for some plant varieties to grow.

D. Most plants that live in a desert ecosystem must be able to conserve water for long periods of time.