



Name: _____ Class: _____

Adaptation of plants

1. How do a group of plants called succulents adapt to their desert environment ?
 - a. they have a short lifespan
 - b. they shed their leaves during dry periods
 - c. they develop long tap roots
 - d. they store water in their stems and leaves
2. In which other ways do desert plants store more water ?
 - a. some plants have no leaves
 - b. some plants have a short life cycle
 - c. waxy coating on stems and leaves
 - d. all of the above
3. How do grasses in the Temperate Grasslands survive wildfires ?
 - a. above-ground portions may perish but the roots do not and sprout again
 - b. they have a waxy coating that does not burn
 - c. release stored water which prevents fire
 - d. all of the above
4. How do some plants adapt to strong winds ?
 - a. develop sturdy branches that resist the wind
 - b. develop a lot of leaves that serve as windbreaks
 - c. have soft flexible branches that bend when blown
 - d. have short life cycles
5. Some plants survive entirely by floating on the surface of ponds and lakes. Why do they float ?
 - a. they have air spaces in their stems and leaves
 - b. because they cover a wide area
 - c. because all other plants float
 - d. none of the above
6. What are shade tolerant plants ?
 - a. plants that can survive in very dry conditions
 - b. plants that have a lot of leaves
 - c. plants that can survive in low amounts of light
 - d. plants with a long tap root
7. In what other ways do plants adapt to their environment ?

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