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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