All About Trees Challenge - Answers

1. The world's largest intact forest is on which continent?
   
   Answer: North America (Boreal Forest of Canada)

2. Which of the following is the state tree of Connecticut?
   
   Answer: White Oak

3. This green pigment, present in tree leaves and all green plants, is responsible for the absorption of light to provide energy for photosynthesis.
   
   Answer: Chlorophyll

4. Which ancient species of tree, thought to be extinct until a stand was discovered in China in the 1940's, now grows outside the entrance to the Peabody Museum?
   
   Answer: Dawn Redwood

5. Trees are an important food source for more than 100 species of mammals - including human beings. Which one of the following nuts does not grow on a tree?
   
   Answer: Peanuts

6. Oxygen and water are created as by-products of photosynthesis and expelled from the leaves of a tree. What product created during photosynthesis helps the tree to grow?
   
   Answer: Sugar

7. The first trees in the fossil record appear during the Earth's ______________________ period, which was approximately 416 million to 358 million years ago.
   
   Answer: Devonian

8. Trees benefit us by....
   
   Answer: All of the above

9. Discovered in 2006, the tallest tree in the world is named Hyperion and is 379.7 feet tall. What species of tree is Hyperion?
   
   Answer: Sequoia sempervirens (Coastal Redwood)

10. What term refers to trees that lose their leaves in the fall?
   
    Answer: Deciduous