NAME: _			_		
BOTANY	CHA	CHAPTER 1			
Referenc	es: (1)	MG Sustainable Ga	ardening Handbook, Chapter 1		
1.	The tissue in the stem of a plant that has the ability to continually produce new cells is the:  a. xylem				
	<ul><li>b. phloem</li><li>c. heartwood</li><li>d. cambium</li></ul>				
	Reference:		Page Number:		
2.	Photosynthesis is:				
	<ul> <li>a. an energy-releasing process</li> <li>b. an energy-storing process</li> <li>c. the sum total of all biochemical activity in the plant</li> <li>d. a process by which plants make light</li> </ul>				
	Reference:		Page Number:		
3.	During the cold weather, a plant growing in a container may be more likely to die than the same species of plant growing in the ground. This could be explained by the fact that:				
	<ul> <li>a. stems are hardier than vegetative buds</li> <li>b. leaf buds (vegetative buds) are hardier than flower buds</li> <li>c. stems are often much hardier than roots</li> <li>d. roots are usually hardier than stems</li> </ul>				
	Reference:		Page Number:		

4.		Christmas it is recommended to provide the plants with s (uninterrupted by artificial lights) starting in October.		
	<ul><li>a. short-day plants</li><li>b. long-day plants</li><li>c. day-neutral plants</li><li>d. night-neutral plants</li></ul>			
	Reference:	Page Number:		
5.	The root systems of most trees and shrubs:			
	<ul> <li>a. are usually concentrated <u>below</u> the top 12" of soil</li> <li>b. have prominent taproots</li> <li>c. never spread beyond the drip line</li> <li>d. often spread beyond the drip line</li> </ul>			
	Reference:	Page Number:		
6.	An avocado fruit will ripen faster when enclosed in a paper bag. This happens because the fruit gives off a chemical gas that is a plant hormone. Higher concentrations of this plant hormone accumulating inside the bag speed the ripening of the fruit. This plant hormone is:			
	<ul><li>a. auxin</li><li>b. cytokinins</li><li>c. gibberellins</li><li>d. ethylene</li></ul>			
	Reference:	Page Number:		
7.	When you plant the seeds from a Golden Delicious apple, will the fruit from those new plants be Golden Delicious apples? Why of why not?			
	Reference:	Page Number:		
8.	When you plant a new lawn you might have four different grasses in the mix. After ten years, will the proportion of the original grasses be the same? Why?			
	Will there be other species found in the lawn?			
	What process is at work in the lawn?			
	Reference:	Page Number:		
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