

Woody Plant Culture

Questions are based upon Wendy Hanson's lecture **and** Chapter 2 of Retail Garden Center Manual.

1. What are the two branching patterns of trees? (2pts)
2. True or false: Tree roots seek out water. (1pt)
3. In woody plants, where are the phloem and xylem found? (2pts)
4. What is the most common tropism you will see in landscapes? (1pt)
5. What are the general difference between evergreens and deciduous trees? (4pts)
6. When is the ideal season for planting? (1pt)
7. Why would a tree planted in July defoliate? (2pts)
8. What are the three common types of nursery stock available? (3ts)

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Name _____
Please PRINT all answers

9. True or false: Bare root trees are the best type of trees to plant in our area. (1pt)
10. Keep mulch how far away from the trunk of the tree? (2pts)
11. List 3 functional uses of landscape plants. (3pts)
12. Why is it important to know the growth habit and size of a plant? (2pts)
13. Name four crown and trunk characteristics to consider when selecting plants in the nursery. (4pts)
14. How do you inspect the roots at the nursery? (2pts)

15. How deep and wide should you dig the planting hole? (4pts)

16. Orient the graft union to which direction? (1pt)

17. At a minimum, how much of the burlap should you cut and turn down?
(1pt)

18. What material should you use to backfill? (2pts)

19. Why should turf be kept away from the trunk? (2pts)

20. Is staking always necessary? (2pts)

21. Stakes should be placed in which direction to the wind? (2pts)

22. When should stakes be removed? (1pt)

23. What is the drip line of a tree? (2pts)

24. How often should you expand out the emitters? (2pts)

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25. What is defensible space? (2pts)

26. Should fertilizer be added when planting a new tree? Why or why not?
(4pts)