

## House Plants

Questions are based upon Julie Muhilly's lecture and Chapter 4 of Retail Garden Center Manual.

1. What are the five factors that affect the health and vigor of house plants?  
(5pts)
2. Why is light important for house plants? (2pts)
3. How are house plants classified? (2pts)
4. What are three indicators of insufficient light? (3pts)
5. If your client asks you, "How often should I water my house plants?"  
How would you answer? (Make sure you address what to do with the  
water that drains into the saucer.) (4pts)
6. What are the optimal temperature ranges for house plants? (2pts)

7. How would you raise the relative humidity in areas where house plants are located? (2pts)
  
  
  
  
  
  
  
  
  
  
8. How often should house plants be fertilized? (2pts)
  
  
  
  
  
  
  
  
  
  
9. If your client asks you, "Ew! What is that yellow crust on the top of my soil?" What would you tell them? How would you recommend they get rid of the crust and prevent it from forming in the future? (2pts)
  
  
  
  
  
  
  
  
  
  
10. Describe the properties and characteristics of good potting soil. (4pts)
  
  
  
  
  
  
  
  
  
  
11. When should you repot? (2pts)

12. Describe how you would correctly repot a house plant. (6pts)

12. What are three possible causes of brown or scorched leaf tips? (3pts)

13. Describe three good house plant care practices. (3pts)

14. What do aphids do? How can they be controlled? (3pts)

15. What are scales and how do they damage house plants? (3pts)

16. What are the typical symptoms of mealybug damage? (2pts)

17. What are the typical symptoms of mite damage? How can mites be controlled? (3pts)

18. How can you train and groom indoor plants? (3pts)

19. If your client complains of small flying insects that have infested their house plants, what would you tell them? (Be sure to include control.) (3pts)

20. List and describe the function of three common components of artificial soil medium. (3pts)

21. Your client complains of a strange white powder on their plants. What would you tell them? (Be sure to include control.) (2pts)

22. How do you correct infectious root rot? (2pts)

23. How are fungi generally spread? (2pts)

**House Plant ID – Fill in the blank.**

<b>Botanical Name</b>	<b>Common Name</b>
<i>Hedera helix</i>	
<i>Maranta leuconeura</i>	
<i>Dracaena sanderiana</i>	
<i>Calathea makoyana</i> 'Picta Royale'	
<i>Codiaeum</i> spp.	
<i>Dieffenbachia picta</i>	
<i>Kalanchoe blossfeldiana</i>	
<i>Oxalis rubra</i>	
<i>Asparagus plumosa</i>	
<i>Adiantum raddianum</i>	
<i>Epipremnum</i> spp.	
<i>Tillandsias</i> spp.	
<i>Dracaena warneckii</i>	
<i>Dracaena massangeana</i>	
<i>Dracaena marginata</i>	
<i>Ficus elastica</i>	
<i>Spathiphyllum</i> spp.	
<i>Zamioculus zamiofolia</i>	
<i>Crassula argentea</i>	

**EXTRA CREDIT Match the letter of the plant name with the beverage it makes.**

<b>A.</b> Agave	Beer
<b>B.</b> Potatoes	Whiskey
<b>C.</b> Juniper	Tea
<b>D.</b> Grapes	Tequilla
<b>E.</b> Rye	Gin
<b>F.</b> <i>Coffea arabica</i>	Vodka
<b>G.</b> Hops	Wine
<b>H.</b> <i>Camellia sinensis</i>	Coffee