

Name _____

1. Name a cold hardy azalea and describe its most ornamental features.

2. Explain why you might recommend '**Pink Diamond**' rather than '**Grandiflora**' hydrangea to a client considering planting the latter.

3. A client of yours asks you to recommend a dependable, large evergreen tree to screen an ugly view. What tree would you recommend and why?

4. a. What are the most ornamental features of **Dwarf Fothergilla**?

b. How would you prepare the soil in a planting bed for this species?

5. a. Explain the meteoric rise in popularity of **Knockout rose**.

b. What disease problem may bring a quick end to Knockout mania?

6. Explain how you would prune **crapemyrtle**, what time of year you would do it and why.

7. Name the most important **disease** problem for *Juniperus horizontalis* and list three cultural measures that will minimize the damage from this disease.

8. Describe ornamental features of *Pinus densiflora* 'Umbraculifera' (Tabletop pine) and explain how you would use this plant in the landscape.

9. What characteristics and ornamental features make *Hamamelis vernalis* interesting and useful?

10. List two general rules for **distinguishing between Azaleas and Rhododendrons** within the genus *Rhododendron* and give an example of a plant that is an exception to one of these rules.

11. What are the advantages and disadvantages of planting '**Susan**' *Magnolia* rather than to *Magnolia stellata*?

12. a. What characteristics make **Heavenly Bamboo** useful in the landscape?

b. How do most of the newer cultivars of this species differ from the species?

13. Describe the appearance of *Thuja plicata* 'Green Giant' and explain how it might be best used in a landscape planting.

14. Describe the form and appearance of **inkberry** (*Ilex glabra*) and the characteristics that make it useful.

15. What "difficult" landscape conditions can be tolerated by *Carpinus caroliniana*?

16. a. How would you use *Itea virginica* in a landscape planting?

b. What type of soil and light conditions would make this plant most attractive?

17. What are the advantages and disadvantages of *Thuja occidentalis* compared with some other evergreen species?
18. a. Describe how 'China Girl' holly can be distinguished from most other **Meserve** holly cultivars.
- b. What makes 'China Girl' more durable than most other hollies in the Midwest?
19. *Taxus x media* cultivars have been popular in Midwest landscapes for 100 years? What characteristics make these plants appealing to landscapers and homeowners?
20. Name a plant that you would use to create winter interest in the landscape and describe what makes it interesting.

21. Give the name of a shade tolerant ground cover and describe its most ornamental features.

22. Describe the growth habit and ornamental features of 'Hidcote' St. Johnswort and explain the maintenance requirements to keep it attractive.

Matching (12 pts)

- ___ Winter bloomer
- ___ Fragrant flowers
- ___ Evergreen tree with tip blight problem
- ___ Often killed by nematodes
- ___ Broadleaf evergreen, tolerates wet soil
- ___ Tri-pinnate evergreen thicket
- ___ Understory tree with rippled bark
- ___ Shade tolerant evergreen tree
- ___ Red winter stems
- ___ Hardy parent of bi-generic hybrid
- ___ Narrowleaf evergreen for 30' tall, narrow screen
- ___ Resistant to phomopsis tip blight

- a. *Ilex glabra*
- b. *Tsuga canadensis*
- c. *Cornus sericea*
- d. *Chamaecyparis nootkatensis*
- e. *Thuja plicata* 'Green Giant'
- f. *Hamamelis x intermedia*
- g. *Juniperus sabina*
- h. *Pinus sylvestris*
- i. *Nandina domestica*
- j. *Pinus nigra*
- k. *Clethra alnifolia*
- l. *Carpinus caroliniana*