
Student Name: _____

Teacher: _____ Date: _____

District: Granville

Assessment: 9_12 Agriculture AP42 - Horticulture II Test 2

Description: H2 5.00

Form: 501

1. Which shrub has a red to pink feathery flower 1" in length?

- A. Chinese Fringe.**
- B. Nellie R. Stevens.**
- C. Gold mop.**
- D. Japanese Andromeda.**

2. Which shrub has dark green 1" needlelike foliage?

- A. Compacta Holly.**
- B. Indian hawthorn.**
- C. Japanese Yew.**
- D. French Hydrangea.**

3. What is the genus name for all oaks?

- A. Quercus.**
- B. Acer.**
- C. Cornus.**
- D. Ilex.**

4. Which large deciduous tree has 6" long and 4" wide medium-green leaves with 3 to 5 pointed lobes and 1"-1 1/2" fuzzy round fruit?

- A. Clematis.**
- B. Snapdragon.**
- C. London Plane Tree.**
- D. Wintergreen Barberry.**

5. Rashan planted a shrub in his yard that has scale-like or awl-like needles. What did he plant?

- A. Chinese Fringe.**
- B. Gold mop.**
- C. Nellie R. Stevens.**
- D. Helleri.**

6. What is the genus name for all maples?

- A. Quercus.**
- B. Acer.**
- C. Cornus.**
- D. Ilex.**

7. Which deciduous tree has bright, yellow 3" fan- shaped leaves on 3" petioles and also has foul- smelling berries with seeds?

- A. Ginkgo.**
- B. Live Oak.**
- C. Sasanqua Camellia.**
- D. Sycamore.**

8. What is the genus name for all dogwoods?

- A. Quercus.**
- B. Acer.**
- C. Cornus.**
- D. Ilex.**

9. Sandy planted a deep green leaf shade tree that has a toothed or serrated margin in her yard. What did she plant?

- A. Ginkgo.**
- B. Chinese Dogwood.**
- C. Southern Red Oak.**
- D. Zelkova.**

10. A large deciduous tree that has greenish-yellow flowers in early spring before it has leaves and has 2" to 3" winged samara fruit is:

- A. Japanese Yew.**
- B. Norway Maple.**
- C. Norway Spruce.**
- D. Savannah Holly.**

11. In the mountains Naomi saw an evergreen tree with flat needles 1/2 inch long with 2 white bands on the underside of the needle. What tree did she see?

- A. Canadian Hemlock.**
- B. Chinese Dogwood.**
- C. Ginkgo.**
- D. Zelkova.**

12. Which deciduous tree produces white bracts after the leaves appear?

- A. Ginkgo.**
- B. Chinese Dogwood.**
- C. Southern Red Oak.**
- D. Zelkova.**

13. What holly has 1-3 terminal spines and reaches heights of 15'-25'?

- A. Compacta.**
- B. Nellie R. Stevens.**
- C. Carissa.**
- D. Helleri.**

14. What is the genus name for all hollies?

- A. Quercus.**
- B. Acer.**
- C. Cornus.**
- D. Ilex.**

15. Which large evergreen shrub has white, pink, or red 1 1/2"-2" flowers in October and November?

- A. Cape Jasmine.**
- B. Chinese Dogwood.**
- C. Japanese Yew.**
- D. Sasanqua Camellia.**

16. Which medium-evergreen shrub has yellowish- green new leaves, and 1/2" to 1" long and 1/4" to 1/2" wide medium-green mature leaves?

- A. Grape Ivy.**
- B. Japanese Boxwood.**
- C. Thorny Elaeagnus.**
- D. Warneckii Dracena.**

17. Joan noticed a tree with a fan shaped leaf planted in front of the bank. What tree did she observe?

- A. Ginkgo.**
- B. Chinese Dogwood.**
- C. Southern Red Oak.**
- D. Zelkova.**

18. Which oak tree has dark-green large leaves with a round base and 3 to 5 lobes with bristle tips?

- A. Live.**
- B. Pin.**
- C. Southern Red.**
- D. Water.**

19. Shanice saw a shrub with small, glossy leaves. The leaves also have an entire margin. Which shrub did she see?

- A. Japanese Boxwood.**
- B. Helleri holly.**
- C. Gold mop.**
- D. Japanese Andromeda.**

20. Which deciduous shrub produces large blue, pink or white "snowball" flowers?

- A. Compacta Holly.**
- B. Indian hawthorn.**
- C. Japanese Yew.**
- D. French Hydrangea.**

21. A medium evergreen shrub with dark-green 3" long and 1 1/2" wide leaves, and white 3" very fragrant flowers is:

- A. Gardenia.**
- B. Japanese Boxwood.**
- C. Norway Maple.**
- D. Southern Red Oak.**

22. What is the genus name for all boxwoods?

- A. Buxus.**
- B. Ilex.**
- C. Acer.**
- D. Quercus.**

23. Becky needs to cut some rose stems from her bed of roses. What tool should she use?

- A. Axe.**
- B. Chain saw.**
- C. Pole pruner.**
- D. Pruning shears.**

24. Sara wants to own and operate a landscape business that handles everything from the first contact with the client through design and construction as well as long-term care and maintenance. Which type of business will she have?

- A. Design-build firm.**
- B. Landscape installer.**
- C. Landscape maintenance.**
- D. Subcontractor firm.**

25. What is a good choice for pencil hardness when drawing landscape designs?

- A. HB-2H.**
- B. 2B-B.**
- C. 2B-HB.**
- D. HB-B.**

26. Jones Landscape Company needs to install materials at a job site. Which drawing will employees likely use on the job?

- A. Bubble diagram.**
- B. Final plan.**
- C. Functional plan.**
- D. Preliminary design.**

27. Thomas is a landscape nursery worker. The type of work he does is:

- A. Design landscape plans.**
- B. Install the plants.**
- C. Keep financial records.**
- D. Plan and design the outdoor environment.**

28. Jodi examines a preliminary design and a functional design. She observes that the amount of detail in the functional diagram is:

- A. Doubled.**
- B. Less.**
- C. More.**
- D. Same.**

29. The thinning type of pruning is used to:

- A. Cut off branches at the same height.**
- B. Cut roots prior to moving plant.**
- C. Open up a plant and keep the natural shape.**
- D. Rejuvenate by removing unproductive branches.**

30. Which type of landscape balance is least formal?

- A. Asymmetric.**
- B. Equal.**
- C. Even.**
- D. Symmetric.**

31. The landscape designer who uses plants with only a few different colors or shapes is demonstrating the landscape design principle of:

- A. Balance.**
- B. Focalization.**
- C. Proportion.**
- D. Simplicity.**

32. How does keeping pruning tools sharp and clean and keeping handles tight affect safe use?

- A. Decreases safety.**
- B. Has little effect.**
- C. Has no effect.**
- D. Increases safety.**

33. Because roses produce flowers on wood produced the same growing season, the plants should be pruned in the:

- A. Early spring.**
- B. Early summer.**
- C. Late spring.**
- D. Late summer.**

34. Which pruning tool should Sandy use to remove 1" diameter limbs from a tree?

- A. Axe.**
- B. Hand shears.**
- C. Hedge shears.**
- D. Lopping shears.**

35. The "balance" landscape design principle is demonstrated by:

- A. Installing equal plants on each side of a door.**
- B. Installing foundation plantings and privacy fences.**
- C. Installing plants to block a view.**
- D. Raising decks and porches to door level.**

36. Soil should be mounded to form a circle around newly planted shrubs and trees to:

- A. Catch and hold water.**
- B. Mulch and prevent weeds.**
- C. Provide support for plants.**
- D. Spread roots of plants.**

37. The "rhythm and line" landscape design principle is illustrated by:

- A. Foundation plantings.**
- B. Repeating colors.**
- C. Repeating plant species.**
- D. Symmetrical balance.**

38. Installing a corner planting to draw the eyes of the viewer to that place demonstrates this design principle:

- A. Balance.**
- B. Focalization of interest.**
- C. Rhythm and line.**
- D. Unity.**

39. William examines a landscape functional diagram and a final landscape plan. He notices that the amount of detail in the final landscape plan is:

- A. Less.**
- B. More.**
- C. One-half.**
- D. Same.**

40. Limbs and trees larger than 3" diameters should be cut with:

- A. Chainsaw.**
- B. Hedge shears.**
- C. Lopping shears.**
- D. Power pole pruner.**

41. Newly planted trees should be staked to:

- A. Hold plant straight.**
- B. Hold water.**
- C. Prevent soil erosion.**
- D. Provide mulch.**

42. What is the best way to keep a landscape healthy and alive?

- A. Control insects and diseases.**
- B. Follow soil test results.**
- C. Have maintenance program.**
- D. Winterize plants.**

43. Joel operates a design-build landscape business, but he wants to get someone else to install the pools, stonework and electrical work. Who should he get to do this work?

- A. Floral designer.**
- B. Landscape designer.**
- C. Landscape maintenance crew.**
- D. Subcontractor.**

44. Which pruning tool should Sarah use to remove 1/4" diameter growth from her azaleas?

- A. Axe.**
- B. Chainsaw.**
- C. Hand shears .**
- D. Pole pruner.**

45. Which type landscape plan will likely be changed several times to include clients wishes?

- A. Bubble diagram.**
- B. Construction plan.**
- C. Final plan.**
- D. Preliminary design.**

46. Which is an application of the landscape design principle of unity?

- A. Install foundation plantings and privacy hedge.**
- B. Install same amount of plants on each side of door.**
- C. Maintain size relationship between plants and house.**
- D. Raise decks, patios, and porches to door level.**

47. Aaron is working in landscape maintenance. What does he do?

- A. Cares for the landscape.**
- B. Designs, installs and contracts the landscape.**
- C. Designs landscape plans.**
- D. Installs landscape plants.**

48. Which is an application of the landscape design principle of balance?

- A. Install plants to block a view or provide privacy.**
- B. Install same amount of plants on each side of door.**
- C. Raise porches, decks, and patios to door level.**
- D. Repeat prominent colors and construction materials.**

49. The pruning tool that Kathy should use to remove a broken limb that is about 12' up the tree is:

- A. Axe.**
- B. Hand shears.**
- C. Lopping shears.**
- D. Pole pruner.**

50. When Eric develops the watering part of his maintenance schedule for his new landscape, he should water often enough to:

- A. Have water run off.**
- B. Keep roots dry.**
- C. Keep water standing.**
- D. Prevent wilting.**

51. Kimberly is interested in designing, installing and maintaining the outdoor environment around homes. What professional area will provide careers in her area of interest?

- A. Accountant.**
- B. Florist.**
- C. Landscaping.**
- D. Soil science.**

52. Because azaleas produce flowers on wood grown the previous growing season, the shrubs should be pruned in the late:

- A. Fall.**
- B. Spring.**
- C. Summer.**
- D. Winter.**

53. The "unity" landscape design principle is demonstrated by:

- A. Foundation plantings.**
- B. Maintaining size relationships.**
- C. Privacy fences.**
- D. Repeating plant species.**

54. Container-grown plants need to have the roots untangled or cut because they are:

- A. Decayed.**
- B. Diseased.**
- C. Pot-bound.**
- D. Tap roots.**

55. Why will Dustin leave fertilization off his maintenance schedule for his newly landscaped home?

- A. Fertilizer was applied at planting.**
- B. He plans to fertilize each week.**
- C. It is the wrong season to fertilize.**
- D. New plants cannot use nutrients.**

56. Latoya is a landscape architect. What does she do at work?

- A. Cares for plants after they are installed.**
- B. Constructs pools, fences and driveways.**
- C. Installs landscape plants.**
- D. Plans and designs the outdoor environments.**

57. To prevent moisture loss and control weeds in a landscape flower bed what should a landscaper use?

- A. Mulch.**
- B. Sod.**
- C. Fertilizer.**
- D. Grass seed.**

58. Lee is making a hedge row of hollies. He uses the heading back pruning method to:

- A. Cut off branches at same height.**
- B. Cut roots prior to transplanting.**
- C. Open up a tree or shrub.**
- D. Remove old branches to rejuvenate.**

59. What should be the shape of the bottom of a hole used to plant a bare-root tree?

- A. Dome.**
- B. Flat.**
- C. Pointed.**
- D. Square.**

60. A balled and burlapped plant should be picked up and carried by the:

- A. Buds.**
- B. Dead flowers.**
- C. Limbs.**
- D. Root ball.**

61. The last step in the landscape project development is:

- A. Bill customer for work done.**
- B. Determine the need or objective.**
- C. Develop a maintenance schedule.**
- D. Select maintenance contractor.**

62. Why should Joshua include pruning as an early part of his maintenance schedule for his new landscape?

- A. Cut back roots and remove flowers.**
- B. Remove the central leader and new buds.**
- C. Shape plant and remove damaged branches.**
- D. Thin branches and remove ripe fruit.**

63. The general rule for root pruning is 10" of circle diameter for each 1" of plant stem diameter. What diameter circle should be made for a plant that has a 3" diameter stem?

- A. 3".**
- B. 5".**
- C. 10".**
- D. 30".**

64. The type pruning a landscape maintenance worker uses to cut old branches back to the ground is:

- A. Heading back.**
- B. Renewal.**
- C. Root.**
- D. Thinning.**

65. The first step in the landscape project maintenance process is:

- A. Bill customer for work done.**
- B. Determine the need or objective.**
- C. Purchase lawnmower and tiller.**
- D. Subcontract pest control.**

66. Suzy needs to help the designer get an idea of the general layout of the property. Which plan does she need?

- A. Construction diagram.**
- B. Contractor plan.**
- C. Final plan.**
- D. Functional diagram.**

67. In the sequence of landscape plan development, the one between the "bubble" diagram and the plan used by the landscape contractor is the:

- A. Construction plan.**
- B. Final plan.**
- C. Functional diagram.**
- D. Preliminary design.**

68. Which is an application of the landscape design principle of proportion?

- A. Install foundation plantings and privacy fence.**
- B. Maintain size relationship between plants and building.**
- C. Raise porches, patios, and decks to level of doors.**
- D. Repeat colors, construction materials, or plants.**

69. Which is the first type of landscape plan that uses free form shapes to show plants and buildings to help the designer with the layout?

- A. Construction plan.**
- B. Final plan.**
- C. Functional diagram.**
- D. Preliminary design.**

70. Which demonstrates the "proportion" landscape design principle?

- A. Install foundation plantings.**
- B. Install privacy fence.**
- C. Maintain size relationship between plants.**
- D. Repeat colors, construction materials, or plants.**