

1994

PHASE E LANDSCAPE PRACTICUM

1. How many squares of sod would be required to sod area "A" on the parking if there is 100 sq. ft. in a square of sod?
  - a. 1.5
  - b. 2.0
  - c. 2.5
  - d. 3.0
  
2. How large a spread does the symbol "B" indicate the Green Spire Linden has?
  - a. 32'
  - b. 18'
  - c. 12'
  - d. 6'
  
3. Determining how many Columnar Buckthorn the client will need to plant screen "C" if they are planted 2' apart.
  - a. 12
  - b. 24
  - c. 36
  - d. 48
  
4. Area D is often referred to in landscaping as
  - a. the service area
  - b. the private living area
  - c. the public area
  - d. the front area
  - e. the living area
  
5. Which area would be most suitable for a small child play area?
  - a. Area "E"
  - b. Area "F"
  - c. Area "G"
  - d. Area "H"
  
6. Garbage cans are located in Area "E" where firewood may also be stored. This is called the \_\_\_\_\_ in residential landscape design.
  - a. private living area
  - b. public area
  - c. recreation area
  - d. service area
  
7. The three Arrowwood Viburnum (3-I) are meant to screen Area "E" from the street. They are planted on \_\_\_\_\_ foot centers.
  - a. 3'
  - b. 6'
  - c. 9'
  - d. 12'
  
8. The patio area is shaded from the afternoon sun by a tree. The tree is placed how far from the edge of the patio?
  - a. 3 feet
  - b. 6 feet
  - c. 9 feet
  - d. 12 feet
  
9. How many Vinca Minor should be ordered if it is recommended they be planted on 8" centers?
  - a. 6
  - b. 108
  - c. 432
  - d. 864

10. The client (home owner) wants to mulch area "L" with landscape mulch 3" thick. How many 3 cu. ft. bags will he need to buy?
- a. 4 3 cu. ft. bags of mulch
  - b. 8 3 cu. ft. bags of mulch
  - c. 16 3 cu. ft. bags of mulch
  - d. 24 3 cu. ft. bags of mulch

**1994**

**FFA Nursery/Landscape Contest**

**General Knowledge**

**Phase F**

Contestant Number \_\_\_\_\_

Contestant Name \_\_\_\_\_

School Address \_\_\_\_\_

\_\_\_\_\_

1. In order for plant roots to penetrate deeply into a soil, \_\_\_\_ must be available at the greater depths.
  - a. oxygen
  - b. fertilizer
  - c. water
  - d. carbon dioxide
2. The leaves of narrowleaf evergreen may be either
  - a. needlelike or scalelike
  - b. alternate or opposite
  - c. simple or compound
  - d. whorled or clustered
3. Bare-rooted deciduous trees are planted only when they
  - a. are dormant
  - b. are beginning to leaf
  - c. are in full leaf
  - d. can be dug into the ground
4. Trees must be watered well when transplanting to settle the soil and
  - a. close any air pockets around the roots
  - b. prevent the roots from drying out
  - c. keep the roots moist so that they can grow
  - d. all of the above
5. Shrubs that bloom on previous season's wood are pruned
  - a. in midsummer
  - b. in the spring
  - c. in the fall
  - d. immediately after blooming
6. New growth on pines is called
  - a. candles
  - b. needles
  - c. branches
  - d. none of the above
7. A complete fertilizer which is high in \_\_\_\_ is best for seeding grass to start new lawns.
  - a. lime
  - b. nitrogen
  - c. potash
  - d. phosphorus
8. Cool-season grasses should be cut to a height of
  - a. 4 to 5 inches
  - b.  $\frac{1}{2}$  to 1 inch
  - c. 2 to 3 inches
  - d. 3 to 4 inches
9. \_\_\_\_ can be added to a soil to decrease the soil pH.
  - a. Sulfur
  - b. Lime
  - c. Chalk
  - d. Phosphorus
10. Plants are easier to transplant if they have a
  - a. tap root system
  - b. fibrous root system
  - c. large root system
  - d. calligous root system
11. In air layering, cutting the bark off the stem is known as
  - a. girdling
  - b. lacing
  - c. scarring
  - d. skinning

12. Fungicides are chemicals used to control \_\_\_\_ diseases.
- mildew
  - rust
  - fungus
  - all of the above
13. The more poisonous a pesticide is, the \_\_\_\_ the LD<sub>50</sub> number is.
- lower
  - higher
14. Deciduous trees may be purchased with their roots prepared in three different ways. These are
- root pruned, container-grown, and root ball
  - bare root, balled and burlapped, and containerized
  - balled, burlapped, and bare root
  - bare root, root pruned, and containerized
15. The pruning method in which all the terminal ends of the plant branches are removed is called
- heading back
  - thinning
  - renewal pruning
  - drop pruning
16. The planting depth for shrubs is
- at same depth at which they grew
  - 2 inches above ground
  - 4 inches deeper than the depth they grew previously
  - 2 inches deeper than the depth they grew previously
17. The percentage of germination on a grass seed label indicates
- the percentage of inert matter
  - the percentage of weed seeds in the mixture
  - the percentage of seeds that will germinate and grow
  - the purity of the seed
18. The best way to select flowering perennials for a particular area is
- to judge according to what looks nicest in the seed catalog
  - to observe plants that are growing there
  - to purchase plants with colors that blend well together
  - all of the above
19. Plants are often seeded in peat pots. This is especially recommended for plants
- that have tap root systems
  - that are difficult to transplant
  - that are to be sold
  - that require good drainage
20. Container grown trees become root bound if
- they are left in the same container too long
  - planted in the fall of the year
  - the roots are not pruned each year
  - all of these
21. Watering newly planted trees is not necessary if natural rain supplies at least \_\_\_\_ of rain per week.
- $\frac{1}{4}$
  - $\frac{1}{2}$
  - 2 inches
  - 1 inch
22. Pruning is done to
- remove insect infested or broken wood
  - remove diseased wood or create special tree forms
  - remove dead wood
  - all of the above

23. Shrubs that bloom on the current season's growth are pruned
- a. in the fall
  - b. in the spring
  - c. in the fall or early spring
  - d. immediately after blooming
24. The finished grading around a home is done so that rainwater will
- a. stay in place and soak into the soil
  - b. quickly run off the lawn area
  - c. drain toward the house
  - d. gradually drain away from the house
25. The most common mistake in mowing cool-season grasses is to
- a. mow them too high
  - b. use a dull mower blade
  - c. mow too often
  - d. mow them too short