

Kentucky FFA Association State Floriculture CDE Written Exam- 2017

1. A soilless medium is made up of organic and inorganic components. Which of the following is an inorganic component of a soilless medium?
 - a. bark
 - b. perlite
 - c. leaf mold
 - d. peat moss
2. A soil with more than 85% sand is classified as _____.
 - a. clay
 - b. loam
 - c. silt
 - d. sand
3. When does the most serious pesticide poisonings occur?
 - a. During application
 - b. During mixing and loading
 - c. Immediately following application
 - d. The next day
4. Which of the following is the least expensive greenhouse covering material over a period of time?
 - a. Glass
 - b. Polycarbonate
 - c. Fiberglass
 - d. Polyethylene
5. The purpose of growing plants in a greenhouse is to control which of the following factors?
 - a. temperature
 - b. humidity
 - c. light
 - d. all
6. Which of the following types of fertilizers is the most difficult to use in a greenhouse?
 - a. Dry Granular
 - b. Organic
 - c. Water Soluble
 - d. Slow Release
7. A person that commercially produces apples would be involved in the practice of _____.
 - a. Pomology
 - b. Olericulture
 - c. Landscaping
 - d. Floriculture
8. Floral Arrangements should be....
 - a. at least 1 ½ times the height of a tall container
 - b. 2 ½ to 3 times the size of the container
 - c. as wide as it is tall
 - d. 2 times as tall as the container is wide
9. The water conducting tubes in the stem of flowers are the....
 - a. xylem
 - b. phloem
 - c. pith
 - d. stomata

10. _____ balance is informal and developed from Japanese and Chinese flower arranging.
- a. Asymmetrical
 - b. Symmetrical
 - c. Central
 - d. Insymmetrical
11. A Cymbidium Orchid and Bird of Paradise are examples of _____ flowers.
- a. line
 - b. form
 - c. greening
 - d. mass
12. Which of the following is not a primary color?
- a. Green
 - b. Yellow
 - c. Red
 - d. Blue
13. The adding of white to red makes a pink _____.
- a. hue
 - b. tint
 - c. shade
 - d. tertiary
14. Which of the following is a true statement?
- a. The lower the number, the thicker the wire and wider the ribbon.
 - b. The lower the number, the thicker the wire and narrower the ribbon.
 - c. The lower the number, the thinner the wire and narrower the ribbon.
 - d. The lower the number, the thinner the wire and wider the ribbon.
15. The use of foliage plants to create pleasing and comfortable areas inside buildings is known as _____.
- a. Floriculture
 - b. landscape horticulture
 - c. floral design
 - d. Interiorscaping
16. Plants typically pass through three phases of development. The phase of slowed or inactive growth is known as the _____ phase.
- a. reproductive
 - b. vegetative
 - c. structural
 - d. dormant
17. The waxy coating of the leaf that helps prevent water loss is called the _____.
- a. blade
 - b. margin
 - c. cuticle
 - d. petiole
18. The yellowing of the green parts of a plant is called _____ and indicates the plant is deficient in _____.
- a. wilting, water
 - b. cell collapse, phosphorous
 - c. lack of vigor, potassium
 - d. chlorosis, nitrogen

19. Florists must be careful not to expose flowers to ethylene. Snapdragons and delphinium will drop their flower florets or will _____.
- a. appear leggy b. decay **c. shatter** d. brown on the edges
20. Your teacher sent you to pick up *filler flowers* for Valentine's Day bud vases the chapter is making. A good choice would be _____.
- a. leatherleaf fern b. snapdragons c. carnations **d. baby's breath**
21. Plants with _____ root systems are the easiest to transplant.
- a. Tap **b. Fibrous** c. Adventitious d. Structural
22. _____ is a method of growing plants in water with dissolved nutrients.
- a. Organics b. Hygronics **c. Hydroponics** d. Aeroponics
23. The tool pH is used to measure the amount of alkalinity or acidity in soil. A soil pH of 7.0 would be considered _____.
- a. **Neutral** b. Alkaline c. Acidic d. Fertile
24. _____ cause more plant diseases than any other parasite.
- a. Aphids b. Viruses **c. Fungi** d. Bacteria
25. Soilless plant medium does not contain topsoil. Numerous organic and inorganic materials are available to form different soilless media. _____ is heat-treated mica that has high nutrient and moisture holding capacity.
- a. Perlite b. Peat moss c. Bark **d. Vermiculite**