

## **Core Training Manual, Ohio Certified Nursery Technician (OCNT)**

### **Chapter 1 - Safety & First Aid**

1. Which of the following is a safety organization?
  - A. OSHA
  - B. ONLA
  - C. MSDS
  - D. OCNT
  
2. What does P.P.E stand for?
  - A. Professional People Estimators
  - B. Proper Placement Equipment
  - C. Personal Protective Equipment
  - D. Protective Professional Environment
  
3. Which of the following is NOT P.P.E?
  - A. Helmet
  - B. Steel toe boots
  - C. Gloves
  - D. Tennis shoes
  
4. What should be the first response in the case of an emergency?
  - A. Call for emergency medical services
  - B. Wait for medical help to arrive
  - C. Stop the bleeding
  - D. Keep victim still
  
5. In the green industry what is the most commonly reported injury?
  - A. Heat exhaustion
  - B. Back injury
  - C. Eye injury
  - D. Friction blistering
  
6. Which of the following is NOT a sign of shock?
  - A. Shallow breathing
  - B. Unconsciousness
  - C. Pale or blue skin color
  - D. Fatigue
  
7. Who can apply pesticides?
  - A. Landscape professional
  - B. Greenhouse worker
  - C. Licensed professional
  - D. Farmer
  
8. Which of the following is NOT a precaution for operating large equipment?
  - A. Never speed
  - B. No pre-trip inspection
  - C. Stay seated
  - D. No passengers

9. What is the safe swing distance for coworkers?
- A. 10ft
  - B. 12ft
  - C. 5ft
  - D. 15ft
10. What is the recommended breaking strength of a climbing rope?
- A. 500 lbs.
  - B. 2000 lbs.
  - C. 2385 lbs.
  - D. 3000 lbs.

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Chapter 2 - Professionalism in the Green Industry**

1. What effects do positive relationships have on a business?
  - A. Better productivity
  - B. Poor attitudes
  - C. Lots of complaints
  - D. Unhappy workers
2. Which of these is important to developing good working relationships?
  - A. Poor eye contact
  - B. Gossiping
  - C. Professional attire
  - D. Poor Hygiene
3. As a listener what do you NOT do to encouraging understanding?
  - A. Good eye contact
  - B. Take notes
  - C. Active listening
  - D. Make assumptions
4. When working in elevated temperatures, (heat) one should \_\_\_\_\_.
  - A. Not work, sleep in
  - B. Drink plenty of liquids
  - C. Stay cool, wear light clothing
  - D. Both B and C
5. A cell phone ringing is what type of distraction?
  - A. A physical distraction
  - B. Language barrier
  - C. Illegible print
  - D. Distracting mannerisms
6. List some benefits of maintaining a positive attitude at work.
  - A. It shows you care about your job
  - B. Problem solver
  - C. More energetic
  - D. All of the above
7. Which of the following does NOT attribute to positive work appearance?
  - A. Hair trimmed and combed
  - B. Unwashed clothing
  - C. Good posture
  - D. Clean clothes

8. What qualities are important for an employer when looking for employees?
  - A. Positive attitude
  - B. Enthusiasm
  - C. Stability
  - D. All of the above
  
9. How do professional relationships differ from personal relationships?
  - A. Gossiping is appropriate at work
  - B. Playing jokes at work is good
  - C. You can pick your friends not your coworkers
  - D. Work time is for private business
  
10. What are the consequences for arriving late to work?
  - A. Promotion
  - B. Termination
  - C. Pay increase
  - D. Happier boss

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Chapter 3 - Plant Identification & Selection**

1. Which of the following is the proper way to write a scientific name?
  - A. acer platanoides
  - B. ACER PLATANOIDES
  - C. *Acer plantanoides*
  - D. Acer Platanoides
2. For practical horticulture the most important three name classification units are;
  - A. Genus, Family, Order
  - B. Species, Order, Class
  - C. Genus, Species, Kingdom
  - D. Species, Genus, Family
3. The “trademark” name means
  - A. Commercial name
  - B. Common name
  - C. Botanical name
  - D. Scientific name
4. The “cultivar” name means
  - A. Type of plant
  - B. Plant kinds
  - C. Plant characteristics
  - D. Scientific use
5. What is the main difference between a deciduous and evergreen plant?
  - A. Color
  - B. Leaf drop
  - C. Root development
  - D. Flowers
6. Which of the following is type of compound leaf?
  - A. Simple
  - B. Leaflet
  - C. Lobed
  - D. Palmately
7. Which of the following would NOT be considered when selecting a plant?
  - A. Plant name
  - B. Disease resistance
  - C. Cold hardiness
  - D. Size

8. Which one of the following perennials will survive in the shade?
- A. Coneflower
  - B. Hosta
  - C. Sunflower
  - D. Petunia
9. Soil pH above 7 would be considered
- A. Acidic
  - B. Porous
  - C. Alkaline
  - D. Permeability

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Chapter 4 - Plant Growth & Development**

1. What does excess transpiration do to a plant
  - A. Cause wilt
  - B. Cause leaf scorch
  - C. Cause stress
  - D. All of the above
2. What is the function of the vascular cambium?
  - A. Contributes to tissue growth
  - B. Makes the plant taller
  - C. Contributes to cold hardiness
  - D. Water and nutrient uptake
3. What is an important by-product of photosynthesis that is critical for life on earth?
  - A. CO<sub>2</sub>
  - B. O<sub>2</sub>
  - C. H<sub>2</sub>O
  - D. None of the above
4. The tissue growth responsible for plant elongation
  - A. Root system
  - B. Cambium
  - C. Shoot system
  - D. Meristem
5. Complete phloem damage can result in
  - A. Better growth
  - B. Transpiration
  - C. Girdling
  - D. Pruning
6. Dioecious flowers are
  - A. Male and female on the same plant
  - B. Male and female in the same flower species
  - C. Male and female are on different plants
  - D. Male and female on different species
7. Volcano mulching a plant will result in
  - A. Limited O<sub>2</sub> supply to roots
  - B. Increase O<sub>2</sub> supply
  - C. Increase root growth
  - D. Better plant appearance
8. What is the reason a plant goes into dormancy?
  - A. Better growth
  - B. Plant hibernation
  - C. Plant protection
  - D. Increase production

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Chapter 5 - Plant Health Management**

1. An insect with chewing mouth parts will cause what type of damage?
  - A. Skeletonize
  - B. Wilting
  - C. Yellowing
  - D. Twisted growth
2. Pupa is a stage of growth in which type of metamorphosis?
  - A. Incomplete
  - B. Full
  - C. Complete
  - D. Imperfect
3. What does IPM stand for?
  - A. Improved People Management
  - B. Integrated Pest Management
  - C. Increased Pay Material
  - D. Improved Pest Material
4. Which of the following is NOT an example of a plant disease?
  - A. Fire blight
  - B. Powdery mildew
  - C. Skeletonized leaf
  - D. Verticillium
5. An example of abiotic disease is
  - A. Salt injury
  - B. Bacterial
  - C. Insect damage
  - D. Nematodes
6. This pathogen causes seedlings to be girdled at the media surface
  - A. Botrytis
  - B. Pythium
  - C. Anthracnose
  - D. Rhizoctonia
7. This yellowish-green to black common insect is a plant lice that is 1/16 to 1/8 inch long
  - A. Thrips
  - B. Leafhopper
  - C. Aphids
  - D. Spider mites
8. Which insect is more active in hot dry weather?
  - A. Aphid
  - B. Spider mite
  - C. Thrip
  - D. Leafhopper